Algebra I Lesson \#2 Unit 4 Class Worksheet \#2 For Worksheets \#2-4

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output |  |  |  |  |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } m \\ \hline \end{gathered}$ |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $\mathbf{6 x}+\mathbf{9 = 2 1}$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $\mathbf{6 x}+\mathbf{9 = 2 1}$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $\mathbf{6 x}+\mathbf{9}=\mathbf{2 1}$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}=$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $\mathbf{6 x}+9=21$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
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| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
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Complete the table for each input-output chart shown to solve for x .
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| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
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| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| Output | $\mathbf{x}$ |  |  |  |

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| Output | $\mathbf{6 x}=12$ |  |  |  |
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| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output | $\mathbf{x}=2$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
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| Input | $\mathbf{6 x}+9=21$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
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| $\downarrow$ <br> Output | $\mathbf{6 x}=12$ |  |  |  |
| Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
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| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}=12$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
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| First <br> Operation | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}$ |  |  |
| Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| Output | $\mathbf{x}=2$ |  |  |  |

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| First <br> Operation | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}=$ |  |  |
| Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| Output | $\mathbf{x}=2$ |  |  |  |

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| Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}=\mathbf{p}$ |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output | $\mathbf{x}=2$ |  |  |  |

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| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}=\mathbf{p}-$ |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output | $\mathbf{x}=2$ |  |  |  |

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Complete the table for each input-output chart shown to solve for x .
1.
2.
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| Input | $\mathbf{6 x}+9=21$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}=\mathbf{p - 9}$ |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| $\downarrow$ <br> Output | $\mathbf{x}=2$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
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4.

| Input | $\mathbf{6 x}+9=21$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First <br> Operation | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{6 x}=12$ | $\mathbf{6 x}=\mathbf{p}-9$ |  |  |
| Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $\mathbf{m}$ |
| Output | $\mathbf{x}=2$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ |  |  |
| Second Operation |  | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 6 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } \mathrm{m} \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=\mathbf{2}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ |  |  |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } \mathrm{m} \\ \hline \end{gathered}$ |
| Output | $\mathrm{x}=2$ | X |  |  |

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Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $\mathbf{6 x}+9=21$ | $\mathbf{6 x}+9=\mathbf{p}$ | $\mathbf{6 x}+\mathbf{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation <br> $\downarrow$ | subtract 9 <br> from <br> both sides | subtract 9 <br> from <br> both sides | subtract $\mathbf{t}$ <br> from <br> both sides | subtract t <br> from <br> both sides |
| Output <br> $\downarrow$ | $\mathbf{6 x}=12$ | $\mathbf{6 x}=\mathbf{p}-9$ |  |  |
| Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by 6 | divide <br> both sides <br> by $m$ |
| Output | $\mathbf{x}=2$ | $\mathbf{x}=$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ |  |  |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by $m$ |
| Output | $\mathbf{x}=2$ | $\mathbf{x}=\mathbf{p}-9$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ |  |  |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by $m$ |
| Output | $\mathbf{x}=2$ | $x=\underline{p-9}$ |  |  |

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Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ |  |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ |  |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

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Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ |  |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

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Complete the table for each input-output chart shown to solve for x .
1.
2.
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4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | 6x |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

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Complete the table for each input-output chart shown to solve for x .
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| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | 6x $=\mathrm{p}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $6 \mathrm{x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | 6x $=$ p - |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
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## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
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3.
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| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $\mathbf{X}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $\mathbf{x}=$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $\mathbf{x}=\mathbf{p}-\mathbf{t}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } \mathrm{m} \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $\mathbf{x}=\underline{\mathbf{p}-\mathbf{t}}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 <br> from <br> both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ |  |
| Second Operation | ```divide both sides by 6``` | divide both sides by 6 | $\qquad$ | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | mx |
| Second Operation |  | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } m \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=$ |
| Second Operation |  | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } m \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
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| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}$ |
| Second Operation |  | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } m \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
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3.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-$ |
| Second Operation |  | divide both sides by 6 | divide both sides by 6 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } m \\ \hline \end{gathered}$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
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3.
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| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract $t$ from both sides | subtract $t$ from both sides |
| Output | $6 \mathrm{x}=12$ | $6 \mathrm{x}=\mathrm{p}-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by $m$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | X |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
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2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | $\mathbf{x}=$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
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2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | $\mathbf{x}=\mathbf{p}-\mathbf{t}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathrm{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract $t$ from both sides | subtract $t$ from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by $m$ |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | $\mathbf{x}=\underline{\mathbf{p}-\mathbf{t}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | $\mathbf{x}=\frac{\mathbf{p}-\mathbf{t}}{\mathbf{m}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
1.
2.
3.
4.

| Input | $6 \mathrm{x}+9=21$ | $6 \mathrm{x}+9=\mathrm{p}$ | $\mathbf{6 x}+\mathrm{t}=\mathbf{p}$ | $\mathbf{m x}+\mathbf{t}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 9 from both sides | subtract 9 from both sides | subtract t from both sides | subtract t from both sides |
| Output | $6 \mathrm{x}=12$ | $6 x=p-9$ | $6 \mathrm{x}=\mathrm{p}-\mathrm{t}$ | $\mathbf{m x}=\mathbf{p}-\mathbf{t}$ |
| Second Operation | divide both sides by 6 | divide both sides by 6 | divide both sides by 6 | divide both sides by m |
| Output | $\mathbf{x}=2$ | $x=\frac{p-9}{6}$ | $x=\frac{p-t}{6}$ | $\mathbf{x}=\frac{\mathbf{p}-\mathbf{t}}{\mathbf{m}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :--- | :--- | :--- | :--- |
| $\downarrow$ <br> First <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :--- | :--- | :--- | :--- |
| $\downarrow$ <br> First <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $2 \mathbf{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $2 \mathbf{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $2 \mathbf{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $2 \mathbf{x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 2 |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 2 |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{x}=$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 |  |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7}=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+\mathbf{7 = k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\mathbf{k}-7$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7}=\mathbf{1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $2 \mathrm{x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 <br> from <br> both sides |  |  |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ |  |  |
| Second Operation | divide both sides by 2 | divide both sides by 2 |  |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $2 \mathrm{x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 <br> from <br> both sides |  |  |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ |  |  |
| Second Operation | divide both sides by 2 | divide both sides by 2 |  |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $2 \mathrm{x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 <br> from <br> both sides |  |  |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ |  |  |
| Second Operation | divide both sides by 2 | divide both sides by 2 |  |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
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| Input | $\mathbf{2 x + 7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
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| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}$ |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ |  |  |

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| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides |  |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=$ |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ |  |  |

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| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |  |
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| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide |  |
| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ |  |  |

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| Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ |  |  |

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| $\downarrow$ <br> Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ | $\mathbf{x}$ |  |

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Complete the table for each input-output chart shown to solve for x .
5.
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7.
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| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides |  |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathrm{d}$ |  |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathbf{x}=$ |  |

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Complete the table for each input-output chart shown to solve for x .
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| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides |  |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathrm{d}$ |  |
| Second Operation | divide both sides by 2 | ```divide both sides by 2``` | divide both sides by 2 |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathbf{x}=\mathbf{k}-\mathrm{d}$ |  |

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Complete the table for each input-output chart shown to solve for x .
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7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides | subtract d <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 |  |
| $\downarrow$ <br> Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ | $\mathbf{x}=\frac{\mathbf{k}-\mathbf{d}}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $x=\frac{k-d}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 |  |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $x=\frac{k-d}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides | subtract d <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{2 x}=\mathbf{6}$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide |
| $\downarrow$ <br> Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ | $\mathbf{x}=\frac{\mathbf{k}-\mathbf{d}}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides | subtract d <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ | $\mathbf{x}=\frac{\mathbf{k}-\mathbf{d}}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathrm{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $x=\frac{k-d}{2}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathrm{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathrm{x}=\frac{\mathrm{k}-\mathrm{d}}{2}$ | $\mathbf{X}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $\mathbf{2 x}+\mathbf{7 = 1 3}$ | $\mathbf{2 x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | subtract 7 <br> from <br> both sides | subtract 7 <br> from <br> both sides | subtract d <br> from <br> both sides | subtract d <br> from <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{2 x}=6$ | $\mathbf{2 x}=\mathbf{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathbf{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides <br> by 2 | divide <br> both sides <br> by $\mathbf{p}$ |
| $\downarrow$ <br> Output | $\mathbf{x}=\mathbf{3}$ | $\mathbf{x}=\frac{\mathbf{k}-7}{2}$ | $\mathbf{x}=\frac{\mathbf{k}-\mathbf{d}}{2}$ | $\mathbf{x}=$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $\mathbf{2 x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathrm{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathrm{x}=\frac{\mathrm{k}-\mathrm{d}}{2}$ | $\mathbf{x}=\mathbf{k}-\mathrm{d}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathbf{k}$ | $\mathbf{2 x}+\mathbf{d}=\mathbf{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 <br> from <br> both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathbf{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathrm{x}=\frac{\mathrm{k}-\mathrm{d}}{2}$ | $\mathbf{x}=\underline{\mathrm{k}-\mathrm{d}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $\mathbf{2 x}=\mathrm{k}-7$ | $\mathbf{2 x}=\mathrm{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $x=\frac{k-d}{2}$ | $\mathbf{x}=\frac{\mathrm{k}-\mathrm{d}}{\mathrm{p}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
5.
6.
7.
8.

| Input | $2 \mathrm{x}+7=13$ | $2 \mathrm{x}+7=\mathrm{k}$ | $\mathbf{2 x}+\mathrm{d}=\mathrm{k}$ | $\mathbf{p x}+\mathbf{d}=\mathbf{k}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | subtract 7 from both sides | subtract 7 from both sides | subtract d from both sides | subtract d from both sides |
| Output | $2 \mathrm{x}=6$ | $2 \mathrm{x}=\mathrm{k}-7$ | 2x $=\mathrm{k}-\mathrm{d}$ | $\mathbf{p x}=\mathbf{k}-\mathbf{d}$ |
| Second Operation | divide both sides by 2 | divide both sides by 2 | divide both sides by 2 | divide both sides by $p$ |
| Output | $\mathbf{x}=3$ | $x=\frac{k-7}{2}$ | $\mathrm{x}=\frac{\mathrm{k}-\mathrm{d}}{2}$ | $\mathbf{x}=\frac{\mathbf{k}-\mathrm{d}}{\mathrm{p}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

$$
\begin{array}{|c}
\hline \mathbf{4 x} \\
\hline \\
\hline \begin{array}{c}
\text { subtract } 14 \\
\text { from }
\end{array} \\
\text { both sides }
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{gathered}
\text { 9. } 4 x+14=50 \\
4 x= \\
\\
\begin{array}{c}
\text { subtract } 14 \\
\text { from } \\
\text { both sides }
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{gathered}
\text { 9. } 4 x+14=50 \\
4 x=36 \\
\hline \begin{array}{c}
\text { subtract } 14 \\
\text { from } \\
\text { both sides }
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{r}
\text { 9. } 4 x+14=50 \\
4 x=36 \\
\text { divide } \\
\text { both sides } \\
\text { by } 4
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } 4 x+14=50
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{aligned}
4 x & +14=50 \\
4 x & =36 \\
x & =9
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x & =36 \\
x & =9
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

$$
\text { 10. } 4 x+14=w
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

$$
\text { 10. } 4 x+14=w
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$
$4 x$
subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

subtract 14
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

x
divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

$$
\mathbf{x}=
$$

divide both sides

$$
\text { by } 4
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

$$
x=w-14
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

$$
x=\underline{w-14}
$$

divide both sides

$$
\text { by } 4
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{gathered}
4 x+14=50 \\
4 x=36 \\
x=9
\end{gathered}
$$

10. $4 x+14=w$

$$
4 x=w-14
$$

$$
x=\frac{w-14}{4}
$$

divide both sides

$$
\text { by } 4
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& \text { 10. } 4 x+14=w \\
& 4 \mathrm{x}=36 \\
& \mathrm{x}=9 \\
& 4 x=w-14 \\
& x=\frac{w-14}{4}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & x=\frac{w-14}{4}
\end{array}
$$

## 11. $4 x+c=w$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

## 11. $4 x+c=w$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
9.4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & x=\frac{w-14}{4}
\end{array}
$$

## 11. $4 x+c=w$

$$
4 x
$$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{crl}
\text { 9. } 4 x+14=50 & \text { 10. } & 4 x+14=w \\
4 x & =36 & \\
x & 4 x=w-14 \\
x & & x=\frac{w-14}{4}
\end{array}
$$

## 11. $\mathbf{4 x}+\mathbf{c}=\mathbf{w}$

$$
4 x=
$$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{crl}
\text { 9. } 4 x+14=50 & \text { 10. } & 4 x+14=w \\
4 x & =36 & \\
x & 4 x=w-14 \\
x & & x=\frac{w-14}{4}
\end{array}
$$

## 11. $4 x+c=w$

$$
4 x=w
$$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
9.4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & x=\frac{w-14}{4}
\end{array}
$$

## 11. $\mathbf{4 x}+\mathbf{c}=\mathbf{w}$

$$
4 x=w-
$$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{crl}
\text { 9. } 4 x+14=50 & \text { 10. } & 4 x+14=w \\
4 x & =36 & \\
x & 4 x=w-14 \\
x & & x=\frac{w-14}{4}
\end{array}
$$

## 11. $\mathbf{4 x}+\mathbf{c}=\mathbf{w}$

$$
4 x=w-c
$$

subtract c
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x & =36 & 4 x=w-14 \\
x & =9 & \\
x & =\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
4 x=w-c
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{crl}
\text { 9. } 4 x+14=50 & \text { 10. } & 4 x+14=w \\
4 x & =36 & \\
x & 4 x=w-14 \\
x & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
4 x=w-c
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 x+c=w$

$$
4 x=w-c
$$

$\mathbf{x}$
divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{crl}
\text { 9. } 4 x+14=50 & \text { 10. } & 4 x+14=w \\
4 x & =36 & \\
x & 4 x=w-14 \\
x & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
\begin{aligned}
& 4 \mathbf{x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=
\end{aligned}
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
\begin{array}{r}
4 \mathbf{x}=\mathbf{w}-\mathbf{c} \\
\mathbf{x}=\mathbf{w}-\mathbf{c}
\end{array}
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
\begin{array}{r}
4 x=w-c \\
x=\underline{w}-\mathbf{c}
\end{array}
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x & =36 & 4 x=w-14 \\
x & =9 & \\
x & =\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
\begin{aligned}
4 x & =w-c \\
x & =\frac{w-c}{4}
\end{aligned}
$$

divide both sides by 4

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & & x=\frac{w-14}{4}
\end{array}
$$

11. $4 \mathrm{x}+\mathrm{c}=\mathrm{w}$

$$
\begin{aligned}
4 x & =w-c \\
x & =\frac{w-c}{4}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& 4 x=36 \\
& \mathbf{x}=9 \\
& \text { 10. } 4 x+14=w \\
& \begin{array}{r}
4 x=w-14 \\
x=\frac{w-14}{4}
\end{array} \\
& \text { 11. } \mathbf{4 x}+\mathbf{c}=\mathbf{w} \\
& \text { 12. } \mathbf{a x}+\mathbf{c}=\mathbf{w} \\
& 4 x=w-c \\
& \mathbf{x}=\frac{\mathbf{w}-\mathbf{c}}{4}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& 4 x=36 \\
& \mathbf{x}=9 \\
& \text { 10. } 4 x+14=w \\
& 4 x=w-14 \\
& x=\frac{w-14}{4} \\
& \text { 11. } 4 \mathrm{x}+\mathrm{c}=\mathbf{w} \\
& 4 \mathrm{x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=\frac{\mathbf{w}-\mathbf{c}}{4} \\
& \text { 12. } \mathbf{a x}+\mathbf{c}=\mathbf{w}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x+c=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x+c=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & \text { ax } \\
& \\
\begin{array}{l}
\text { subtract } c \\
\text { from } \\
\text { both sides }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & a x= \\
& \\
\hline \begin{array}{l}
\text { subtract } c \\
\text { from } \\
\text { both sides }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & a x=w
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & a x=w- \\
& \\
\hline \begin{array}{l}
\text { subtract } c \\
\text { from } \\
\text { both sides }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & a x=w-c
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \\
& \\
\text { 11. } 4 x+c=\frac{w-14}{4} \\
4 x=w-c & \text { 12. } \\
\text { ax }+c=w \\
x=\frac{w-c}{4} & \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x+c=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & a x=w-c
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& 4 x=36 \\
& \mathbf{x}=9 \\
& \text { 10. } 4 x+14=w \\
& 4 \mathrm{x}=\mathrm{w}-14 \\
& \mathrm{x}=\frac{\mathrm{w}-14}{4} \\
& \text { 11. } 4 \mathrm{x}+\mathrm{c}=\mathrm{w} \\
& 4 \mathrm{x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=\frac{\mathbf{w}-\mathbf{c}}{4} \\
& \text { 12. } \mathbf{a x}+\mathbf{c}=\mathbf{w} \\
& \mathbf{a x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{X} \\
& \text { divide } \\
& \text { both sides } \\
& \text { by a }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& 4 x=36 \\
& \mathbf{x}=9 \\
& \text { 10. } 4 x+14=w \\
& 4 \mathrm{x}=\mathrm{w}-14 \\
& \mathrm{x}=\frac{\mathrm{w}-14}{4} \\
& \text { 11. } 4 \mathrm{x}+\mathrm{c}=\mathrm{w} \\
& 4 \mathrm{x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=\frac{\mathbf{w}-\mathbf{c}}{4} \\
& \text { 12. } \mathbf{a x}+\mathbf{c}=\mathbf{w} \\
& \mathbf{a x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}= \\
& \text { divide } \\
& \text { both sides } \\
& \text { by a }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x+c=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & \begin{array}{r}
a x=w-c \\
x=w-c
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{aligned}
& \text { 9. } 4 x+14=50 \\
& 4 \mathrm{x}=36 \\
& \mathbf{x}=9 \\
& \text { 10. } 4 x+14=w \\
& 4 x=w-14 \\
& \mathrm{x}=\frac{\mathrm{w}-14}{4} \\
& \text { 11. } 4 \mathrm{x}+\mathrm{c}=\mathrm{w} \\
& 4 \mathrm{x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=\frac{\mathbf{w}-\mathbf{c}}{4} \\
& \text { 12. } \mathbf{a x}+\mathbf{c}=\mathbf{w} \\
& \mathbf{a x}=\mathbf{w}-\mathbf{c} \\
& \mathbf{x}=\underline{\mathbf{w}-\mathbf{c}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{cr}
\text { 9. } 4 x+14=50 & \text { 10. } 4 x+14=w \\
4 x=36 & 4 x=w-14 \\
x=9 & \text { 12. } a x+c=\frac{w-14}{4} \\
\text { 11. } 4 x+c=w \\
4 x=w-c \\
x=\frac{w-c}{4} & \begin{array}{r}
a x=w-c \\
x=\frac{w-c}{a}
\end{array} \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by a }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 9. } \begin{array}{rlrl}
4 x+14=50 & \text { 10. } 4 x & +14=w \\
4 x & =36 & & 4 x=w-14 \\
x & =9 & x & =\frac{w-14}{4}
\end{array}
$$

$$
\text { 11. } \begin{array}{rrr}
4 x+c=w & \text { 12. } & a x+c=w \\
4 x=w-c & & a x=w-c \\
x=\frac{w-c}{4} & x=\frac{w-c}{a}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 \mathrm{x}+\mathrm{h}=\mathrm{d}$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 13. } 5 x+h=d
$$

subtract $h$<br>from<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 13. } 5 x+h=d
$$

## 5x

subtract $h$<br>from<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } 5 x+h=d
$$

$$
5 x=
$$

subtract $h$
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 \mathrm{x}+\mathrm{h}=\mathrm{d}$

$$
5 x=d
$$

subtract $h$
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 \mathrm{x}+\mathrm{h}=\mathrm{d}$
$5 x=d-$
subtract $h$
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$

$$
5 x=d-h
$$

subtract $h$
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
5 x=d-h
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 \mathrm{x}+\mathrm{h}=\mathrm{d}$

$$
5 x=d-h
$$

divide both sides<br>by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 13. } 5 x+h=d
$$

$$
5 x=d-h
$$

$\mathbf{x}$

divide both sides<br>by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$

$$
\begin{aligned}
& \mathbf{5 x}=\mathbf{d}-\mathbf{h} \\
& \mathbf{x}=
\end{aligned}
$$

divide both sides<br>by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=d-h
\end{aligned}
$$

> divide both sides
> by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 \mathrm{x}+\mathrm{h}=\mathrm{d}$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\underline{d-h}
\end{aligned}
$$

divide both sides by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

divide both sides
by 5

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 13. } 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$
subtract 8
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$ mx

subtract 8<br>from both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 14. } \quad m x+8=\mathbf{f} \\
& m x=
\end{aligned}
$$

$$
\text { subtract } 8
$$

from both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 14. } m x+8=f \\
& m x=f
\end{aligned}
$$

subtract 8
from both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\mathbf{m x}=\mathbf{f}-
$$

$$
\text { subtract } 8
$$

from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
m x=f-8
$$

subtract 8
from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 14. } m x+8=f \\
& m x=f-8
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
m x=f-8
$$

> divide both sides
> by $m$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 14. } m x+8=f \\
& m x=f-8 \\
& x
\end{aligned}
$$

$$
\begin{aligned}
& \text { divide } \\
& \text { both sides } \\
& \text { by } \mathbf{m}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
m x=f-8
$$

$$
\mathbf{x}=
$$

> divide both sides
> by $m$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
m x=f-8
$$

$$
\mathbf{x}=\mathbf{f}-\mathbf{8}
$$

> divide both sides
> by $\mathbf{m}$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\underline{\mathbf{f}-\mathbf{8}}
\end{gathered}
$$

divide both sides
by $m$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 13. } \begin{aligned}
& 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

> divide both sides
> by m

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lc}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & \\
& x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$
14. $m x+8=f$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

15. $n x+5=9$

$$
\begin{aligned}
& \text { subtract } 5 \\
& \text { from } \\
& \text { both sides }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$
14. $m x+8=f$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

15. $n x+5=9$
```
    nx
    subtract 5
    from
    both sides
```


## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$
14. $m x+8=f$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

15. $n x+5=9$

$$
\mathbf{n x}=
$$

$$
\text { subtract } 5
$$

from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.
13. $5 x+h=d$
14. $m x+8=f$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

15. $n x+5=9$

$$
n x=4
$$

$$
\text { subtract } 5
$$

from
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$
14. $m x+8=f$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

$$
\begin{gathered}
\mathbf{m x}=\mathbf{f}-\mathbf{8} \\
\mathbf{x}=\frac{\mathbf{f}-\mathbf{8}}{\mathbf{m}}
\end{gathered}
$$

15. $n x+5=9$

$$
n x=4
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
n x=4
$$

divide both sides by $n$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
\begin{aligned}
& \mathrm{nx}=4 \\
& \mathrm{x} \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathbf{n}
\end{array}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lc}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
\begin{aligned}
& \mathrm{nx}=\mathbf{4} \\
& \mathrm{x}= \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathbf{n}
\end{array}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
\begin{gathered}
\mathrm{nx}=4 \\
\mathrm{x}=4 \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathrm{n}
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
\begin{gathered}
\mathrm{nx}=4 \\
\mathrm{x}=\underline{4} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathrm{n}
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ll}
\text { 13. } 5 x+h=d & \text { 14. } \\
5 x+8=f \\
5 x=d-h & m x=f-8 \\
x=\frac{d-h}{5} & x=\frac{f-8}{m}
\end{array}
$$

15. $n x+5=9$

$$
\begin{gathered}
\mathrm{nx}=4 \\
\mathrm{x}=\frac{4}{\mathrm{n}} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathrm{n}
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\begin{gathered}
m x=f-8 \\
x=\frac{f-8}{m}
\end{gathered}
$$

15. $n x+5=9$

$$
\begin{aligned}
& n x=4 \\
& x=\frac{4}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 13. } 5 x+h=d & \text { 14. } m x+8=f \\
5 x=d-h & \\
x=\frac{d-h}{5} & \\
& \\
\text { 15. } n x+5=f-8 \\
n x=4 & \text { 16. } d x+e=8 \\
n=\frac{4}{n} & \\
x=8
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\begin{gathered}
m x=f-8 \\
x=\frac{f-8}{m}
\end{gathered}
$$

15. $n x+5=9$

$$
\begin{aligned}
& n x=4 \\
& x=\frac{4}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ccc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m} \\
\text { 15. } n x+5=9 & \text { 16. } & d x+e=8 \\
n x=4 & & \\
x=\frac{4}{n} & \begin{array}{c}
\text { subtract } e \\
\text { from } \\
\text { both sides }
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ccc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m} \\
\text { 15. } n x+5=9 & \text { 16. } & d x+e=8 \\
n x=4 & & d x \\
x=\frac{4}{n} & & \begin{array}{c}
\text { subtract } e \\
\text { from } \\
\text { both sides }
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{crc}
\text { 13. } \begin{array}{c}
5 x+h=d \\
5 x=d-h \\
x=\frac{d-h}{5}
\end{array} & \text { 14. } \begin{array}{c}
m x+8=f \\
m x=f-8 \\
\text { 15. } n x+5=9 \\
n x=4 \\
x=\frac{4}{n}
\end{array} & \text { 16. } \begin{array}{l}
d x+e=8 \\
m
\end{array} \\
& & d x= \\
& & \begin{array}{l}
\text { subtract } e \\
\text { from } \\
\text { both sides }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ccc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m} \\
\text { 15. } n x+5=9 & \text { 16. } & d x+e=8 \\
n x=4 & & d x=8 \\
x=\frac{4}{n} & & \begin{array}{l}
\text { subtract } e \\
\text { from } \\
\text { both sides }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
14. $m x+8=f$

$$
m x=f-\mathbf{8}
$$

$$
x=\frac{f-8}{m}
$$

16. $d x+e=8$

$$
d x=8-
$$

subtract e from
both sides

$$
\begin{aligned}
& \text { 13. } 5 x+h=d \\
& \text { 5x }=d-h \\
& \mathrm{x}=\frac{\mathrm{d}-\mathrm{h}}{5} \\
& \text { 15. } n x+5=9 \\
& n x=4 \\
& x=\frac{4}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{crc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & \text { 16. } \begin{array}{c}
\mathrm{dx}=\frac{\mathrm{f}-8}{\mathrm{~m}} \\
\text { 15. } \mathrm{nx}+5=9 \\
\mathrm{nx}=4 \\
\mathrm{x}=\frac{4}{\mathrm{n}}
\end{array} & \mathrm{dx}=8-\mathrm{e}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
m x=f-\mathbf{8}
$$

$$
x=\frac{f-8}{m}
$$

15. $n x+5=9$

$$
\begin{aligned}
& n x=4 \\
& x=\frac{4}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{crc}
\text { 13. } \begin{array}{c}
5 x+h=d \\
5 x=d-h
\end{array} & \text { 14. } \begin{array}{c}
m x+8=f \\
m x=f-8
\end{array} \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m}
\end{array} \text { 15. } n x+5=9 \quad \text { 16. } \begin{aligned}
& d x+e=8 \\
& n x=4 \\
& x=\frac{4}{n} \\
& d x=8-e
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{ccc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m} \\
\text { 15. } \mathbf{n x}+5=9 & \text { 16. } & d x+e=8 \\
n x=4 & & d x=8-e \\
x=\frac{4}{n} & & \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } d
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 13. } 5 x+h=d \\
& 5 x=d-h \\
& x=\frac{d-h}{5} \\
& \text { 15. } n x+5=9 \\
& n x=4 \\
& x=\frac{4}{n} \\
& \text { 14. } m x+8=f \\
& m x=f-8 \\
& x=\frac{f-8}{m} \\
& \text { 16. } d x+e=8 \\
& d x=8-e \\
& \mathbf{x}= \\
& \text { divide } \\
& \text { both sides } \\
& \text { by d }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{crc}
\text { 13. } 5 x+h=d & \text { 14. } & m x+8=f \\
5 x=d-h & & m x=f-8 \\
x=\frac{d-h}{5} & & x=\frac{f-8}{m} \\
\text { 15. } n x+5=9 & \text { 16. } & d x+e=8 \\
n x=4 & d x=8-e \\
x=\frac{4}{n} & & \begin{array}{c}
\text { } \\
\end{array} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } d
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 13. } 5 x+h=d \\
& 5 \mathrm{x}=\mathrm{d}-\mathrm{h} \\
& x=\frac{d-h}{5} \\
& \text { 14. } m x+8=f \\
& \mathbf{m x}=\mathbf{f}-8 \\
& x=\frac{f-8}{m} \\
& \text { 15. } n x+5=9 \\
& n x=4 \\
& x=\frac{4}{n} \\
& \text { 16. } d x+e=8 \\
& d x=8-e \\
& \mathrm{x}=\underline{8-\mathrm{e}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 13. } 5 \mathrm{x}+\mathrm{h}=\mathrm{d} \\
& 5 \mathrm{x}=\mathrm{d}-\mathrm{h} \\
& x=\frac{d-h}{5} \\
& \text { 14. } m x+8=f \\
& \mathbf{m x}=\mathbf{f}-8 \\
& x=\frac{f-8}{m} \\
& \text { 15. } n x+5=9 \\
& n x=4 \\
& x=\frac{4}{n} \\
& \text { 16. } d x+e=8 \\
& d x=8-e \\
& \mathrm{x}=\frac{8-\mathrm{e}}{\mathrm{~d}} \\
& \text { divide } \\
& \text { both sides } \\
& \text { by d }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
13. $5 x+h=d$

$$
\begin{aligned}
& 5 x=d-h \\
& x=\frac{d-h}{5}
\end{aligned}
$$

14. $m x+8=f$

$$
\begin{gathered}
m x=f-\mathbf{8} \\
x=\frac{f-\mathbf{8}}{m}
\end{gathered}
$$

15. $n x+5=9$

$$
\begin{aligned}
& n x=4 \\
& x=\frac{4}{n}
\end{aligned}
$$

16. $d x+e=8$

$$
\begin{aligned}
d x & =8-e \\
x & =\frac{8-e}{d}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output |  |  |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | divide both sides by $k$ |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 17. |
| :--- |
| 18. |


| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=\mathrm{p}$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add c <br> to <br> both sides | add c <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x}$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.
18.
19.
20.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=\mathrm{p}$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add c <br> to <br> both sides | add c <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x}=$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ |  |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | $\begin{gathered} \text { divide } \\ \text { both sides } \\ \text { by } k \end{gathered}$ |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add c <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17. 18.19.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | $\begin{gathered} \hline \text { add } 10 \\ \text { to } \\ \text { both sides } \\ \hline \end{gathered}$ | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ |  |  |  |
| Second Operation | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | divide both sides by 4 | divide both sides by k |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17. 18.19.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=\mathrm{p}$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add c <br> to <br> both sides | add c <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output | $\mathbf{x}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| $\downarrow$ <br> Output | $\mathbf{x}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{4 x = 2 4}$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| Output | $\mathbf{x}=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| Output | $\mathbf{x}=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by k |
| Output | $\mathbf{x}=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | 4x |  |  |
| Second Operation | divide both sides by 4 |  | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ |  |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=$ |  |  |
| Second Operation | divide both sides by 4 |  | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ |  |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | 4x $=$ p |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ |  |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ |  |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \end{gathered}$ | divide both sides by $k$ |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ |  |
| Output | $x=6$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | $\begin{gathered} \text { divide } \\ \text { both sides } \\ \text { by } k \end{gathered}$ |
| Output | $x=6$ | $\mathbf{X}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 x=p+10$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 \mathbf{x}=p+10$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=\mathbf{p}+10$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 \mathbf{x}=p+10$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{p+10}{}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 x=p+10$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | $\begin{gathered} \text { divide } \\ \text { both sides } \\ \text { by } k \end{gathered}$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ |  |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | $\begin{gathered} \text { divide } \\ \text { both sides } \\ \text { by } k \end{gathered}$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 x=p+10$ | $4 x$ |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathbf{k x}-\mathbf{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 x=24$ | $4 x=p+10$ | $4 x=$ |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add c to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add c to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $\mathbf{4 x}=\mathbf{d}+$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | divide both sides by k |
| Output | $x=6$ | $x=\frac{p+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| $\downarrow$ <br> Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| $\downarrow$ <br> Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 x-10=14$ | $4 x-10=p$ | $4 x-c=d$ | $\mathrm{kx}-\mathrm{c}=\mathrm{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides | add $\mathbf{c}$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by 4 | divide <br> both sides <br> by $k$ |
| $\downarrow$ <br> Output | $\mathbf{x}=6$ | $\mathbf{x}=\frac{\mathbf{p}+10}{4}$ | $\mathbf{x}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | $\begin{gathered} \hline \text { add } 10 \\ \text { to } \\ \text { both sides } \\ \hline \end{gathered}$ | add 10 to both sides | $\begin{gathered} \hline \text { add } \mathrm{c} \\ \text { to } \\ \text { both sides } \\ \hline \end{gathered}$ | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $\mathbf{x}=$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | 4x-c=d | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | $\begin{gathered} \hline \text { add } 10 \\ \text { to } \\ \text { both sides } \\ \hline \end{gathered}$ | add 10 to both sides | ```add c to both sides``` | ```add c to both sides``` |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | 4x $=d+c$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $\mathbf{x}=\mathbf{d}+\mathbf{c}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | $\begin{gathered} \hline \text { add } 10 \\ \text { to } \\ \text { both sides } \\ \hline \end{gathered}$ | add 10 to both sides |  | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $\mathbf{x}=\underline{\mathbf{d}+\mathbf{c}}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | ```add c to both sides``` | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 x=d+c$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $x=\frac{d+c}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | 4x $=\mathbf{d}+\mathbf{c}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by k |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | 4x $=\mathbf{d}+\mathbf{c}$ |  |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by k |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | 4x $=\mathbf{d}+\mathbf{c}$ | kx |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide <br> both sides <br> by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17. 18.19.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides |  |  |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=$ |
| Second Operation | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17. 18.19.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to both sides | add 10 to both sides | add $c$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | ```divide both sides by k``` |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $x=\frac{d+c}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17. 18.19.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to both sides | add 10 to both sides | add $c$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 x=24$ | $4 x=p+10$ | $4 x=d+c$ | $\mathbf{k x}=\mathbf{d}+$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 <br> to <br> both sides | ```add c to both sides``` | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | ```divide both sides by 4``` | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 to both sides | add 10 <br> to <br> both sides | ```add c to both sides``` |  |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 x=d+c$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 |  | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | ```add c to both sides``` | add $\mathbf{c}$ <br> to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 x=d+c$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathbf{x}=\frac{\mathrm{p}+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 to both sides | add c to both sides | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ | X |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 to both sides | add c to both sides | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $x=\frac{d+c}{4}$ | $\mathbf{x}=$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 <br> to <br> both sides | ```add c to both sides``` | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 x=p+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | $\begin{gathered} \hline \text { divide } \\ \text { both sides } \\ \text { by } 4 \\ \hline \end{gathered}$ | divide both sides both sides by 4 |  | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ | $\mathbf{x}=\mathbf{d}+\mathbf{c}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 to both sides | add c to both sides | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $x=\frac{d+c}{4}$ | $\mathbf{x}=\underline{\mathbf{d}+\mathbf{c}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 to both sides | add c to both sides | add c to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 | divide both sides by 4 | divide both sides by $k$ |
| Output | $x=6$ | $\mathrm{x}=\frac{\mathrm{p}+10}{4}$ | $x=\frac{d+c}{4}$ | $\mathbf{x}=\frac{\mathbf{d}+\mathbf{c}}{\mathbf{k}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
17.

| Input | $4 \mathrm{x}-10=14$ | $4 \mathrm{x}-10=p$ | $4 \mathrm{x}-\mathrm{c}=\mathrm{d}$ | $\mathbf{k x}-\mathbf{c}=\mathbf{d}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 10 <br> to <br> both sides | add 10 to both sides | add $\mathbf{c}$ to both sides | add $\mathbf{c}$ to both sides |
| Output | $4 \mathrm{x}=24$ | $4 \mathrm{x}=\mathrm{p}+10$ | $4 \mathrm{x}=\mathrm{d}+\mathrm{c}$ | $\mathbf{k x}=\mathbf{d}+\mathbf{c}$ |
| Second Operation | divide both sides by 4 | divide both sides by 4 |  | divide both sides by $k$ |
| Output | $x=6$ | $x=\frac{p+10}{4}$ | $\mathrm{x}=\frac{\mathrm{d}+\mathrm{c}}{4}$ | $\mathbf{x}=\frac{\mathbf{d}+\mathbf{c}}{\mathbf{k}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input <br> $\downarrow$ <br> First <br> Operation | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input <br> $\downarrow$ <br> First <br> Operation | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input <br> $\downarrow$ <br> First <br> Operation | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| $\downarrow$ <br> Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output |  |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 x$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation |  |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 \mathbf{x}=$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ |  |  |  |  |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 \mathrm{x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ |  |  |  |  |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 \mathbf{x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ |  |  |  |  |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 \mathbf{x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ |  |  |  |  |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 x=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $3 x=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides |  |  |  |
| $\downarrow$ <br> Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 3 |  |  |  |
| Output |  |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides |  |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 |  |  |
| $\downarrow$ <br> Output | $3 \mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  |  |  | 22. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $\mathbf{3 x}-6=18$ | $3 \mathbf{x}-6=p$ | $3 x-k=p$ | $\mathbf{m x}-\mathrm{k}=\mathrm{p}$ |
| $\downarrow$ <br> First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ |  |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ | $3 x$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ | $3 x=$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ | $\mathbf{3 x}=p$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $\mathbf{m x}-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ | $3 x=p+$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| $\downarrow$ <br> Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 |  |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |  |
| Output | $\mathbf{x}=8$ |  |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |  |
| Output | $\mathbf{x}=8$ | $\mathbf{x}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |  |
| Output | $\mathbf{x}=8$ | $\mathbf{x}=$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  |  |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ |  |  |
| Second Operation | divide both sides by 3 | $\begin{gathered} \text { divide } \\ \text { both sides } \end{gathered}$ $\text { by } 3$ |  |  |
| Output | $\mathrm{x}=8$ | $x=9+6$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |  |
| Output | $\mathbf{x}=8$ | $\mathbf{x}=\frac{p+6}{}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  |  |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ |  |  |
| Second Operation | divide both sides by 3 | $\begin{gathered} \text { divide } \\ \text { both sides } \end{gathered}$ $\text { by } 3$ |  |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. | 22. | 23. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides |  |  |
| Output | $3 x=24$ | $3 x=p+6$ |  |  |
| $\downarrow$ <br> Second <br> Operation <br> $\downarrow$ | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |  |
| Output | $\mathbf{x}=8$ | $\mathbf{x}=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides |  |  |
| Output | 3x $=24$ | $3 \mathrm{x}=\mathrm{p}+6$ |  |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k |  |
| Output | $3 \mathrm{x}=24$ | $3 \mathrm{x}=\mathrm{p}+6$ |  |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ |  |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | 3x |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | 3x $=$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides |  |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 |  |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ |  |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{X}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\mathbf{p}+\mathbf{k}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\underline{\mathbf{p}+\mathbf{k}}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=p$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation | add 6 to both sides | add 6 to both sides | add k <br> to <br> both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides | add k |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ |  |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides | add $k$ <br> to <br> both sides | add $k$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{3 x = 2 4}$ | $\mathbf{3 x = p + 6}$ | $3 x=p+k$ |  |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |
| $\downarrow$ <br> Output | $\mathbf{x}=8$ | $\mathbf{x}=\frac{p+6}{3}$ | $\mathbf{x}=\frac{p+k}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathrm{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 to both sides | add 6 to both sides |  | add k to both sides |
| Output | 3x $=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | mx |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation |  |  | $\overline{\operatorname{add} k}$ <br> to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=$ |
| Second Operation | divide both sides by 3 | ```divide both sides by }``` | divide both sides by 3 |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation |  |  | $\overline{\operatorname{add} k}$ <br> to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}$ |
| Second Operation | divide both sides by 3 | ```divide both sides by }``` | divide both sides by 3 |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| First Operation |  | add 6 to both sides | add k to both sides | add k to both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{\mathbf{3}}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides | add $k$ <br> to <br> both sides | add $k$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{3 x = 2 4}$ | $\mathbf{3 x = p + 6}$ | $3 x=p+k$ | $m x=p+k$ |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 |  |
| $\downarrow$ <br> Output | $\mathbf{x}=8$ | $\mathbf{x}=\frac{p+6}{3}$ | $\mathbf{x}=\frac{p+k}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation |  |  | $\overline{\operatorname{add} k}$ <br> to both sides |  |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathrm{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | ```divide both sides by }``` | divide both sides by 3 |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .

| 21. |  | 22. | 23. | 24. |
| :---: | :---: | :---: | :---: | :---: |
| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| First Operation | $\begin{gathered} \hline \text { add } 6 \\ \text { to } \\ \text { both sides } \end{gathered}$ | add 6 to both sides | $\begin{gathered} \hline \text { add k } \\ \text { to } \\ \text { both sides } \end{gathered}$ | add $k$ to both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 |  |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathrm{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation |  |  | add $k$ to both sides | add k to both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | ```c``` by 3 | divide both sides by 3 | divide |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{\mathbf{3}}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 <br> to <br> both sides | add 6 to both sides | add k <br> to <br> both sides | add k <br> to <br> both sides |
| Output | 3x $=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide <br> both sides |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 to both sides | add 6 to both sides |  | add k <br> to <br> both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by m |
| Output | $\mathrm{x}=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ |  |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 <br> to <br> both sides |  | add k <br> to both sides | add k <br> to both sides |
| Output | 3x $=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by $m$ |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{\mathbf{3}}$ | X |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 x-6=18$ | $3 x-6=p$ | $3 x-k=p$ | $m x-k=p$ |
| :---: | :---: | :---: | :---: | :---: |
| $\downarrow$ <br> First <br> Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides | add $k$ <br> to <br> both sides | add $k$ <br> to <br> both sides |
| $\downarrow$ <br> Output | $\mathbf{3 x}=24$ | $\mathbf{3 x = p + 6}$ | $3 x=p+k$ | $\mathbf{m x}=p+k$ |
| $\downarrow$ <br> Second <br> Operation | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 | divide <br> both sides <br> by 3 | divide <br> both sides <br> by $m$ |
| $\downarrow$ <br> Output | $\mathbf{x}=8$ | $\mathbf{x}=\frac{p+6}{3}$ | $\mathbf{x}=\frac{p+k}{3}$ | $\mathbf{x}=$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 <br> to <br> both sides |  | add k <br> to both sides | add k <br> to both sides |
| Output | 3x $=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by $m$ |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathrm{k}}{3}$ | $\mathbf{x}=\mathbf{p}+\mathbf{k}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides | $\text { add } \mathbf{k}$ <br> to both sides | add $k$ <br> to <br> both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by $m$ |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $x=\frac{p+k}{3}$ | $\mathbf{x}=\underline{\mathbf{p}+\mathbf{k}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation |  |  |  |  |
| Output | 3x $=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by $m$ |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{\mathbf{m}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Complete the table for each input-output chart shown to solve for x .
21.
22.
23.
24.

| Input | $3 \mathrm{x}-6=18$ | $3 \mathrm{x}-6=\mathrm{p}$ | $\mathbf{3 x}-\mathbf{k}=\mathbf{p}$ | $\mathbf{m x}-\mathbf{k}=\mathbf{p}$ |
| :---: | :---: | :---: | :---: | :---: |
| First Operation | add 6 <br> to <br> both sides | add 6 <br> to <br> both sides | add $k$ <br> to both sides | add $k$ <br> to <br> both sides |
| Output | $3 \mathrm{x}=24$ | $3 x=p+6$ | $\mathbf{3 x}=\mathbf{p}+\mathbf{k}$ | $\mathbf{m x}=\mathbf{p}+\mathbf{k}$ |
| Second Operation | divide both sides by 3 | divide both sides by 3 | divide both sides by 3 | divide both sides by $m$ |
| Output | $x=8$ | $x=\frac{p+6}{3}$ | $x=\frac{p+k}{3}$ | $\mathbf{x}=\frac{\mathbf{p}+\mathbf{k}}{\mathbf{m}}$ |

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

| add 9 |
| :---: |
| to |
| both sides |

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

## 6x

add 9<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

$$
6 x=
$$

add 9
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 25. } 6 x-9=15
$$

$$
6 x=24
$$

add 9
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

$$
6 x=24
$$

divide both sides<br>by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

$$
\begin{gathered}
6 x=24 \\
x \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=15
$$

$$
\begin{gathered}
6 x=24 \\
\mathbf{x}= \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{array} \\
\hline
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } 6 x-9=150 \text { } \begin{array}{r}
6 x=24 \\
x=4 \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{aligned}
6 x-9 & =15 \\
6 x & =24 \\
x & =4
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{aligned}
6 x-9 & =15 \\
6 x & =24 \\
x & =4
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

$$
\text { 26. } 6 x-9=a
$$

add 9
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$

6x
add 9
to
both sides
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=$
add 9
to
both sides
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=\mathbf{a}$
add 9
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$\mathbf{6 x}=\mathbf{a}+$
add 9
to
both sides
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=a+9$
add 9
to
both sides
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=a+9$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=a+9$
divide
both sides
by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=\mathbf{a}$
$6 x=a+9$

X
divide
both sides
by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$
$6 x=a+9$
$\mathbf{x}=$
divide both sides by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$

$$
\begin{aligned}
& 6 x=a+9 \\
& x=a+9
\end{aligned}
$$

divide both sides by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$

$$
\begin{aligned}
& 6 x=a+9 \\
& x=\underline{a+9}
\end{aligned}
$$

divide both sides
by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 25. } \begin{array}{r}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array}
$$

26. $6 x-9=a$

$$
\begin{gathered}
6 x=a+9 \\
x=\frac{a+9}{6} \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rrr}
\text { 25. } 6 x-9 & =15 & \text { 26. } 6 x-9=a \\
6 x & =24 & 6 x=a+9 \\
x & =4 & x=\frac{a+9}{6}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$
add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$ 6x
add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $\mathbf{6 x}-\mathbf{p}=\mathbf{a}$

$$
6 x=
$$

add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$

$$
\mathbf{6 x}=\mathbf{a}
$$

add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $\mathbf{6 x}-\mathbf{p}=\mathbf{a}$

$$
\mathbf{6 x}=\mathbf{a}+
$$

add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $\mathbf{6 x}-\mathbf{p}=\mathbf{a}$

$$
6 x=a+p
$$

add $p$
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=\mathbf{a}$

$$
6 x=a+p
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $\mathbf{6 x}-\mathbf{p}=\mathbf{a}$

$$
6 x=a+p
$$

divide both sides by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=a$

$$
6 x=a+p
$$

$\mathbf{x}$

$$
\begin{gathered}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $\mathbf{6 x}-\mathbf{p}=\mathbf{a}$

$$
\begin{aligned}
& \mathbf{6 x}=\mathbf{a}+\mathbf{p} \\
& \mathbf{x}=
\end{aligned}
$$

divide
both sides
by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rlr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=\mathbf{a}$

$$
\begin{aligned}
& 6 x=\mathbf{a}+\mathbf{p} \\
& x=\mathbf{a}+\mathbf{p}
\end{aligned}
$$

divide
both sides
by 6

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=\mathbf{a}$

$$
\begin{aligned}
6 x & =\mathbf{a}+\mathbf{p} \\
x & =\underline{a+p}
\end{aligned}
$$

$$
\begin{gathered}
\text { divide } \\
\text { both sides } \\
\text { by } 6
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=\mathbf{a}$

$$
\begin{aligned}
6 x & =a+p \\
x & =\frac{a+p}{6}
\end{aligned}
$$

$$
\begin{aligned}
& \text { divide } \\
& \text { both sides } \\
& \text { by } 6
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{rr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6}
\end{array}
$$

27. $6 x-p=\mathbf{a}$

$$
\begin{aligned}
6 x & =\mathbf{a}+\mathbf{p} \\
\mathbf{x} & =\frac{\mathbf{a}+\mathbf{p}}{\mathbf{6}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & \text { 28. } d x-p=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} &
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lr}
\text { 25. } \begin{aligned}
& 6 x-9=15 \\
& 6 x=24 \text { 26. } 6 x-9=a \\
& 6 x=a+9 \\
& x=4 \\
& \text { 27. } \begin{aligned}
6 x-p=\frac{a+9}{6} \\
6 x=a+p \\
x=\frac{a+p}{6}
\end{aligned} \text { 28. } d x-p=a
\end{aligned} \\
&
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cc}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a & \text { 28. } d x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cc}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & \text { 28. } \\
\text { 27. } 6 x-p=\frac{a+9}{6} \\
6 x=a+p \\
x=\frac{a+p}{6} & d x
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cc}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a & \text { 28. } d x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & d x= \\
& \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cc}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a & \text { 28. } d x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & d x=a
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & \text { 28. } \\
\text { 27. } 6 x-p=\frac{a+9}{6} \\
6 x=a+p \\
x=\frac{a+p}{6} & d x=a+ \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 25. } 6 x-9=15 \\
& 6 x=24 \\
& x=4 \\
& \text { 27. } 6 x-p=a \\
& 6 x=\mathbf{a}+p \\
& \mathbf{x}=\frac{\mathbf{a}+\mathbf{p}}{6} \\
& \text { 26. } 6 x-9=\mathbf{a} \\
& 6 x=a+9 \\
& x=\frac{a+9}{6} \\
& \text { 28. } \mathbf{d x}-\mathbf{p}=\mathbf{a} \\
& \mathbf{d x}=\mathbf{a}+\mathbf{p}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a & \text { 28. } d x-p=a \\
6 x=a+p & d x=a+p \\
x=\frac{a+p}{6} &
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & \text { 28. } \mathbf{d x}=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a=a \\
6 x=a+p \\
x=\frac{a+p}{6} & d x=a+p
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{c|c}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & \text { 28. } d x-p=a \\
\hline & \begin{array}{c}
d x=a+p
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cc}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } 6 x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & \text { 28. } \begin{array}{c}
d x-p=a \\
d x=a+p
\end{array} \\
& \begin{array}{c} 
\\
\\
\end{array} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } d
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 25. } 6 x-9=15 \\
& 6 x=24 \\
& x=4 \\
& \text { 27. } 6 x-p=a \\
& 6 x=a+p \\
& x=\frac{a+p}{6} \\
& \text { 26. } 6 x-9=\mathbf{a} \\
& 6 x=a+9 \\
& x=\frac{a+9}{6} \\
& \text { 28. } d x-p=a \\
& d x=a+p \\
& \mathbf{x}=\mathbf{a}+\mathbf{p} \\
& \text { divide } \\
& \text { both sides } \\
& \text { by d }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } \begin{array}{c}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array} & \text { 26. } \begin{array}{c}
6 x-9=a \\
6 x=a+9 \\
x=\frac{a+9}{6}
\end{array} \\
\text { 27. } 6 x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & \text { 28. } \begin{array}{l}
d x-p=a \\
d x=a+p \\
x=\frac{a+p}{}
\end{array} \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by d }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } \begin{array}{c}
6 x-9=15 \\
6 x=24 \\
x=4
\end{array} & \text { 26. } \begin{array}{c}
6 x-9=a \\
6 x=a+9 \\
x=\frac{a+9}{6}
\end{array} \\
\text { 27. } 6 x-p=a \\
6 x=a+p \\
x=\frac{a+p}{6} & \text { 28. } \begin{array}{c}
d x-p=a \\
d x=a+p
\end{array} \\
& \begin{array}{c}
x=\frac{a+p}{d}
\end{array} \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } d
\end{array} \\
\hline
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 25. } 6 x-9=15 & \text { 26. } 6 x-9=a \\
6 x=24 & 6 x=a+9 \\
x=4 & x=\frac{a+9}{6} \\
\text { 27. } \mathbf{6 x}-p=a & \text { 28. } \\
\text { 6x } x=\mathbf{a}+p=a \\
x=\frac{a+p}{6} & d x=a+p \\
& x=\frac{a+p}{d}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .
29. $7 x-d=m$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

add d<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x
$$

add d<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=
$$

add d
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=m
$$

add d
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=m+
$$

add d
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=m+d
$$

add d
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=m+d
$$

divide<br>both sides by 7

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
7 x=m+d
$$

$\mathbf{x}$

divide<br>both sides by 7

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
\begin{aligned}
& 7 x=m+d \\
& \mathbf{x}= \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 7
\end{array}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
\begin{gathered}
7 x=m+d \\
\mathbf{x}=m+d \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 7
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
\begin{gathered}
7 x=m+d \\
\mathbf{x}=\frac{m+d}{} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 7
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } 7 x-d=m
$$

$$
\begin{gathered}
7 x=m+d \\
x=\frac{m+d}{7} \\
\begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } 7
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{rl}
7 x & d=m \\
7 x=m+d \\
& x=\frac{m+d}{7}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } c x-5=p
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } c x-5=p
$$

add 5<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } c x-5=p
$$

$$
\mathbf{c x}
$$

add 5
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=
\end{aligned}
$$

add 5
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p
\end{aligned}
$$

add 5
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+
\end{aligned}
$$

add 5<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5
\end{aligned}
$$

add 5<br>to<br>both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5
\end{aligned}
$$

divide<br>both sides<br>by $\mathbf{c}$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5 \\
& x
\end{aligned}
$$

divide<br>both sides<br>by c

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5 \\
& x=
\end{aligned}
$$

divide both sides by $c$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
& 7 x-d=m \\
& 7 x=m+d \\
& x=\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } \begin{gathered}
c x-5=p \\
c x=p+5 \\
x=p+5
\end{gathered}
$$

divide<br>both sides<br>by c

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } \begin{gathered}
c x-5=p \\
c x=p+5 \\
x=\underline{p+5}
\end{gathered}
$$

divide both sides by $\mathbf{c}$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\text { 30. } \begin{array}{r}
c x-5=p \\
c x=p+5 \\
x=\frac{p+5}{c}
\end{array}
$$

divide<br>both sides<br>by c

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } \\
7 x=5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } \mathbf{c x}-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=1$

$$
\begin{gathered}
\text { add } 7 \\
\text { to } \\
\text { both sides }
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } \\
7 x=m-5=p \\
7 x+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=1$

## nx

add 7
to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=\mathbf{1}$

$$
\begin{gathered}
\mathbf{n x}= \\
\\
\text { add } 7 \\
\text { to } \\
\text { both sides }
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=\mathbf{1}$

$$
n x=8
$$

$$
\text { add } 7
$$

to
both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

$$
n x=8
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

$$
n x=8
$$

divide both sides
by $n$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

$$
\begin{aligned}
& \mathrm{nx}=\mathbf{8} \\
& \mathrm{x} \\
& \hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathbf{n}
\end{array} \\
& \hline
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=1$

$$
\begin{aligned}
& \mathbf{n x}=\mathbf{8} \\
& \mathbf{x}= \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathbf{n}
\end{array} \\
& \hline
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=1$

$$
\begin{gathered}
\mathrm{nx}=\mathbf{8} \\
\mathrm{x}=8 \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathrm{n}
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $\mathbf{n x}-7=1$

$$
\begin{gathered}
\mathrm{nx}=8 \\
\mathrm{x}=\underline{8} \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathrm{n}
\end{array}
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for $\mathbf{x}$.

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

$$
\begin{gathered}
\mathrm{nx}=8 \\
\mathrm{x}=\frac{8}{\mathrm{n}} \\
\hline \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } \mathbf{n}
\end{array} \\
\hline
\end{gathered}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{lr}
7 x-d=m & \text { 30. } c x-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c}
\end{array}
$$

31. $n x-7=1$

$$
\begin{aligned}
& \mathrm{nx}=8 \\
& \mathrm{x}=\frac{8}{\mathrm{n}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{lr}
\text { 29. } 7 x-d=m & \text { 30. } \mathbf{c x}-5=p \\
7 x=m+d & c x=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c} \\
\text { 31. } \mathbf{n x}-7=1 & \text { 32. } a x-w=7 \\
n x=8 & \\
x=\frac{8}{n} &
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 29. } 7 x-d=m & \text { 30. } \mathbf{c x}-5=p \\
7 x=m+d & \mathbf{c x}=p+5 \\
x=\frac{m+d}{7} & x=\frac{p+5}{c} \\
\text { 31. } \mathbf{n x}-7=1 & \text { 32. } a x-w=7 \\
\mathbf{n x}=8 & \\
\mathbf{x}=\frac{8}{n} &
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
c x=p+5
$$

$$
x=\frac{p+5}{c}
$$

$$
\text { 32. } a x-w=7
$$

add w to both sides

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
c x=p+5
$$

$$
x=\frac{p+5}{c}
$$

32. $\mathbf{a x}-\mathrm{w}=7$ ax
add $w$
to
both sides

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathbf{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathbf{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

$$
\text { 30. } c x-5=p
$$

$$
\begin{aligned}
c x & =p+5 \\
x & =\frac{p+5}{c}
\end{aligned}
$$

32. $\mathbf{a x}-w=7$

$$
\mathbf{a x}=
$$

add w to both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 30. } c x-5=p \\
& c x=p+5 \\
& x=\frac{p+5}{c} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n} \\
& \text { 30. } c x-5=p \\
& \text { 32. } \mathbf{a x}-w=7 \\
& \mathbf{a x}=\mathbf{w} \\
& \text { add w } \\
& \text { to } \\
& \text { both sides }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 30. } c x-5=p \\
& c x=p+5 \\
& x=\frac{p+5}{c} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n} \\
& \text { 30. } c x-5=p \\
& \text { 32. } \mathbf{a x}-w=7 \\
& \mathbf{a x}=\mathbf{w}+ \\
& \text { add w } \\
& \text { to } \\
& \text { both sides }
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

$$
\text { 30. } c x-5=p
$$

$$
\begin{aligned}
c x & =p+5 \\
x & =\frac{p+5}{c}
\end{aligned}
$$

32. $\mathbf{a x}-w=7$

$$
\mathbf{a x}=w+7
$$

add w to both sides

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

31. $n x-7=1$

$$
\begin{aligned}
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

$$
\text { 30. } \begin{array}{r}
c x-5=p \\
c x=p+5 \\
x=\frac{p+5}{c}
\end{array}
$$

32. $\mathbf{a x}-\mathrm{w}=7$

$$
a x=w+7
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 29. } \begin{array}{c}
7 x-d=m \\
7 x=m+d \\
x=\frac{m+d}{7}
\end{array} & \text { 30. } \mathbf{c x}-5=p \\
\mathbf{c x}=p+5 \\
\text { 31. } \mathbf{n x}-7=1 & x=\frac{p+5}{c} \\
\mathbf{n x}=8 & \text { 32. } \\
\mathbf{x}=\frac{8}{\mathbf{n}} & \mathbf{a x}-\mathbf{w}=7 \\
& \\
& \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by a }
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
\mathbf{c x}=p+5
$$

$$
x=\frac{p+5}{c}
$$

32. $\mathbf{a x}-w=7$

$$
a x=w+7
$$

$$
\mathbf{X}
$$

$$
\begin{gathered}
\text { divide } \\
\text { both sides } \\
\text { by a }
\end{gathered}
$$

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathrm{x}=\mathrm{m}+\mathrm{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
c x=p+5
$$

$$
x=\frac{p+5}{c}
$$

32. $\mathbf{a x}-w=7$

$$
\mathbf{a x}=\mathbf{w}+7
$$

$$
\mathbf{x}=
$$

$$
\begin{gathered}
\text { divide } \\
\text { both sides } \\
\text { by a }
\end{gathered}
$$

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\begin{array}{cr}
\text { 29. } 7 \mathrm{x}-\mathrm{d}=\mathrm{m} & \text { 30. } \mathbf{c x}-\mathbf{5}=\mathrm{p} \\
7 \mathrm{x}=\mathrm{m}+\mathrm{d} & \mathbf{c x}=\mathrm{p}+5 \\
\mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} & \mathrm{x}=\frac{\mathrm{p}+5}{\mathrm{c}} \\
\text { 31. } \mathbf{n x}-7=1 & \text { 32. } \mathbf{a x}-\mathbf{w}=7 \\
\mathbf{n x}=\mathbf{8} & \mathbf{a x}=\mathbf{w}+7 \\
\mathbf{x}=\frac{8}{\mathbf{n}} & \mathbf{x}=\mathbf{w}+7 \\
& \begin{array}{c}
\text { divide } \\
\text { both sides } \\
\text { by } a
\end{array}
\end{array}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
c x=p+5
$$

$$
x=\frac{p+5}{c}
$$

32. $\mathbf{a x}-w=7$

$$
\begin{array}{r}
\mathbf{a x}=\mathbf{w}+7 \\
\mathbf{x}=\underline{w+7}
\end{array}
$$

$$
\begin{aligned}
& \text { divide } \\
& \text { both sides } \\
& \text { by a }
\end{aligned}
$$

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 30. } c x-5=p
$$

$$
c x=p+5
$$

$$
x=\frac{p+5}{c}
$$

32. $\mathbf{a x}-w=7$

$$
\begin{aligned}
\mathbf{a x} & =\mathbf{w}+7 \\
\mathbf{x} & =\frac{\mathbf{w}+7}{\mathbf{a}}
\end{aligned}
$$

$$
\begin{gathered}
\text { divide } \\
\text { both sides } \\
\text { by a }
\end{gathered}
$$

$$
\begin{aligned}
& \text { 29. } 7 x-d=m \\
& 7 \mathbf{x}=\mathbf{m}+\mathbf{d} \\
& \mathbf{x}=\frac{\mathbf{m}+\mathrm{d}}{7} \\
& \text { 31. } n x-7=1 \\
& n x=8 \\
& \mathrm{x}=\frac{8}{\mathrm{n}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{aligned}
7 x & -d=m \\
7 x & =m+d \\
x & =\frac{m+d}{7}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 30. } c x-5=p \\
& c x=p+5 \\
& x=\frac{p+5}{c}
\end{aligned}
$$

31. $n x-7=1$

$$
\text { 32. } \mathbf{a x}-\mathbf{w}=7
$$

$$
\begin{aligned}
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

$$
\begin{aligned}
\mathbf{a x} & =\mathbf{w}+7 \\
\mathbf{x} & =\frac{\mathbf{w}+7}{\mathbf{a}}
\end{aligned}
$$

## Algebra I Class Worksheet \#2 Unit 4

Solve for x .

$$
\text { 29. } \begin{array}{rlr}
7 x-d=m & \text { 30. } \mathbf{c x}-5=p \\
7 x=m+d & \mathbf{c x}=p+5 \\
x=\frac{m+d}{-} & x=p+5
\end{array}
$$

## Good luck on your homework !!

31. $n x-7=1$

$$
\begin{aligned}
& n x=8 \\
& x=\frac{8}{n}
\end{aligned}
$$

32. $\mathbf{a x}-\mathbf{w}=7$

$$
\begin{aligned}
a x & =w+7 \\
x & =\frac{w+7}{a}
\end{aligned}
$$

