

**Algebra 1 Lesson #1 Unit 5**  
**Class Worksheet #1**  
**For Worksheets #1 & #2**

## **Algebra I Class Worksheet #1 Unit 5**

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

**1.  $5x - 2 = 4$**

**2.  $6x + 5 = -3$**

**3.  $7x - 2 = -3$**

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**Add 2 to both sides.**

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$$\begin{array}{r} 1. \quad 5x - 2 = 4 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

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$$\begin{array}{r} 1. \quad 5x - 2 = 4 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$5x =$$

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**Add 2 to both sides.**

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$$\begin{array}{r} 1. \quad 5x - 2 = 4 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad 5x = 6 \end{array}$$

$$2. \quad 6x + 5 = -3$$

$$3. \quad 7x - 2 = -3$$

**Add 2 to both sides.**

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**Divide both sides by 5**

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$$1. \quad \begin{array}{r} 5x - 2 = 4 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{5x}{5} = \frac{6}{5}$$

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**Subtract 5 from both sides.**



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$$\begin{array}{r} 2. \quad 6x + 5 = -3 \\ \quad -5 \quad -5 \\ \hline \end{array}$$

$$6x = -8$$

$$3. \quad 7x - 2 = -3$$

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**Divide both sides by 6.**

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$$\frac{6x}{6} = \frac{-8}{6}$$

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$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$7x =$$

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$$\frac{6x}{6} = \frac{-8}{6}$$

$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad +2 \quad +2 \\ \hline \end{array}$$

$$7x = -1$$

**Add 2 to both sides.**



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$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$7x = -1$$

**Divide both sides by 7.**

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$$\begin{array}{r} 1. \quad 5x - 2 = 4 \\ \quad +2 \quad +2 \\ \hline \end{array}$$

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$$x = \frac{6}{5}$$

$$\begin{array}{r} 2. \quad 6x + 5 = -3 \\ \quad -5 \quad -5 \\ \hline \end{array}$$

$$\frac{6x}{6} = \frac{-8}{6}$$

$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad +2 \quad +2 \\ \hline \end{array}$$

$$\frac{7x}{7} = \frac{-1}{7}$$

**Divide both sides by 7.**

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$$1. \quad \begin{array}{r} 5x - 2 = 4 \\ +2 \quad +2 \\ \hline \end{array}$$

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$$x = \frac{6}{5}$$

$$2. \quad \begin{array}{r} 6x + 5 = -3 \\ -5 \quad -5 \\ \hline \end{array}$$

$$\frac{6x}{6} = \frac{-8}{6}$$

$$x = \frac{-4}{3}$$

$$3. \quad \begin{array}{r} 7x - 2 = -3 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{7x}{7} = \frac{-1}{7}$$

$$x =$$

**Divide both sides by 7.**

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$$\begin{array}{r} 2. \quad 6x + 5 = -3 \\ \quad -5 \quad -5 \\ \hline \end{array}$$

$$\frac{6x}{6} = \frac{-8}{6}$$

$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad +2 \quad +2 \\ \hline \end{array}$$

$$\frac{7x}{7} = \frac{-1}{7}$$

$$x = \frac{-1}{7}$$

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$$x = \frac{6}{5}$$

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$$\frac{6x}{6} = \frac{-8}{6}$$

$$x = \frac{-4}{3}$$

$$\begin{array}{r} 3. \quad 7x - 2 = -3 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$\frac{7x}{7} = \frac{-1}{7}$$

$$x = \frac{-1}{7}$$

## **Algebra I Class Worksheet #1 Unit 5**

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

**4.  $-5x + 2 = 6$**

**5.  $-4x - 9 = 5$**

**6.  $-15x + 3 = -2$**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

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Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad -5x + 2 = 6$$

$$5. \quad -4x - 9 = 5$$

$$6. \quad -15x + 3 = -2$$

**Subtract 2 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline \end{array}$$

$$5. \quad -4x - 9 = 5$$

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**Subtract 2 from both sides.**

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$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline \quad \quad -5x = \end{array}$$

$$5. \quad -4x - 9 = 5$$

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$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline \quad \quad -5x = 4 \end{array}$$

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$$5. \quad -4x - 9 = 5$$

$$6. \quad -15x + 3 = -2$$

**Divide both sides by -5.**

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Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline \quad \quad -5x = 4 \\ \quad \quad -5 \quad -5 \end{array}$$

$$5. \quad -4x - 9 = 5$$

$$6. \quad -15x + 3 = -2$$

**Divide both sides by -5.**

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$$x =$$

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$$\frac{-5x}{-5} = \frac{4}{-5}$$

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Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline \quad \quad -5x = 4 \\ \quad \quad -5 \quad -5 \\ \quad \quad x = \frac{-4}{5} \end{array}$$

$$5. \quad -4x - 9 = 5$$

$$6. \quad -15x + 3 = -2$$

**Add 9 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

$$6. \quad -15x + 3 = -2$$

**Add 9 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

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$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

$$-4x =$$

$$6. \quad -15x + 3 = -2$$

**Add 9 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 4. \quad -5x + 2 = 6 \\ \quad \quad -2 \quad -2 \\ \hline -5x = 4 \\ \quad \quad -5 \quad -5 \\ \quad \quad x = \frac{-4}{5} \end{array}$$

$$\begin{array}{r} 5. \quad -4x - 9 = 5 \\ \quad \quad +9 \quad +9 \\ \hline -4x = 14 \end{array}$$

$$6. \quad -15x + 3 = -2$$

**Add 9 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

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$$-4x = 14$$

$$6. \quad -15x + 3 = -2$$



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$$-4x = 14$$

$$6. \quad -15x + 3 = -2$$

**Divide both sides by -4.**

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$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x =$$

$$6. \quad -15x + 3 = -2$$

**Divide both sides by -4.**

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

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**Divide both sides by -4.**

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$$\begin{array}{r} 5. \quad -4x - 9 = 5 \\ \quad \quad +9 \quad +9 \\ \hline -4x = 14 \\ \quad \quad -4 \quad -4 \\ \quad \quad x = \frac{-7}{2} \end{array}$$

$$6. \quad -15x + 3 = -2$$

**Divide both sides by -4.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

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$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad -15x + 3 = -2$$

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$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad -15x + 3 = -2$$



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$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad -15x + 3 = -2$$

**Subtract 3 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

**Subtract 3 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$-15x =$$

**Subtract 3 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\begin{array}{r} -5x = 4 \\ -5 \quad -5 \end{array}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

$$\begin{array}{r} -4x = 14 \\ -4 \quad -4 \end{array}$$

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$-15x = -5$$

**Subtract 3 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

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$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$-15x = -5$$

## Algebra I Class Worksheet #1 Unit 5

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$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$-15x = -5$$

**Divide both sides by -15.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{-5}{-15}$$

**Divide both sides by -15.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{-5}{-15}$$

$$x =$$

**Divide both sides by -15.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-5x}{-5} = \frac{4}{-5}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{-5}{-15}$$

$$x = \frac{5}{15}$$

**Divide both sides by -15.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

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$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{-5}{-15}$$

$$x = \frac{5}{15}$$

**Divide both sides by -15.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

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$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

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

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{-5}{-15}$$

$$x = \frac{1}{3}$$

**Divide both sides by -15.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$4. \quad \begin{array}{r} -5x + 2 = 6 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\begin{array}{r} -5x = 4 \\ -5 \quad -5 \end{array}$$

$$x = \frac{-4}{5}$$

$$5. \quad \begin{array}{r} -4x - 9 = 5 \\ +9 \quad +9 \\ \hline \end{array}$$

$$\begin{array}{r} -4x = 14 \\ -4 \quad -4 \end{array}$$

$$x = \frac{-7}{2}$$

$$6. \quad \begin{array}{r} -15x + 3 = -2 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\begin{array}{r} -15x = -5 \\ -15 \quad -15 \end{array}$$

$$x = \frac{1}{3}$$

## **Algebra I Class Worksheet #1 Unit 5**

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

**7.  $10x + 7 = 1$**

**8.  $18x - 5 = 7$**

**9.  $24x + 11 = -9$**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

7.  $10x + 7 = 1$

8.  $18x - 5 = 7$

9.  $24x + 11 = -9$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad 10x + 7 = 1$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Subtract 7 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 7. \quad 10x + 7 = 1 \\ \quad \quad -7 \quad -7 \\ \hline \end{array}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Subtract 7 from both sides.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 7. \quad 10x + 7 = 1 \\ \quad \quad -7 \quad -7 \\ \hline \end{array}$$

$$10x =$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Subtract 7 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 7. \quad 10x + 7 = 1 \\ \quad \quad -7 \quad -7 \\ \hline \quad \quad 10x = -6 \end{array}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Subtract 7 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

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$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

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$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 10.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 10.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x =$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 10.**

## Algebra I Class Worksheet #1 Unit 5

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$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-6}{10}$$

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$$9. \quad 24x + 11 = -9$$

**Divide both sides by 10.**

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$$\frac{10x}{10} = \frac{-6}{10}$$

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**Divide both sides by 10.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 10.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad 10x + 7 = 1$$

---

$$\quad \quad -7 \quad -7$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

## Algebra I Class Worksheet #1 Unit 5

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$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad 18x - 5 = 7$$

$$9. \quad 24x + 11 = -9$$

**Add 5 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$9. \quad 24x + 11 = -9$$

**Add 5 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$18x =$$

$$9. \quad 24x + 11 = -9$$

**Add 5 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$18x = 12$$

$$9. \quad 24x + 11 = -9$$

**Add 5 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$18x = 12$$

$$9. \quad 24x + 11 = -9$$



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$18x = 12$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x =$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{12}{18}$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{12}{18}$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad 24x + 11 = -9$$

**Divide both sides by 18.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad 10x + 7 = 1$$

---

$$\quad \quad -7 \quad -7$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad 18x - 5 = 7$$

---

$$\quad \quad +5 \quad +5$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad 24x + 11 = -9$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad 24x + 11 = -9$$



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad 24x + 11 = -9$$

**Subtract 11 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

**Subtract 11 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$24x =$$

**Subtract 11 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$24x = -20$$

**Subtract 11 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$24x = -20$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$24x = -20$$

**Divide both sides by 24.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

**Divide both sides by 24.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

$$x =$$

**Divide both sides by 24.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

$$x = \frac{-20}{24}$$

**Divide both sides by 24.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

$$x = \frac{-20}{24}$$

Divide both sides by 24.

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

$$x = \frac{-5}{6}$$

**Divide both sides by 24.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$7. \quad \begin{array}{r} 10x + 7 = 1 \\ -7 \quad -7 \\ \hline \end{array}$$

$$\frac{10x}{10} = \frac{-6}{10}$$

$$x = \frac{-3}{5}$$

$$8. \quad \begin{array}{r} 18x - 5 = 7 \\ +5 \quad +5 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{12}{18}$$

$$x = \frac{2}{3}$$

$$9. \quad \begin{array}{r} 24x + 11 = -9 \\ -11 \quad -11 \\ \hline \end{array}$$

$$\frac{24x}{24} = \frac{-20}{24}$$

$$x = \frac{-5}{6}$$

## **Algebra I Class Worksheet #1 Unit 5**

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

**10.  $-9x - 2 = 13$**

**11.  $-35x + 2 = -19$**

**12.  $-15x - 23 = 1$**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

**10.  $-9x - 2 = 13$**

**11.  $-35x + 2 = -19$**

**12.  $-15x - 23 = 1$**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

10.  $-9x - 2 = 13$

11.  $-35x + 2 = -19$

12.  $-15x - 23 = 1$

**Add 2 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Add 2 to both sides.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Add 2 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Add 2 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9x}{-9} = \frac{15}{-9} \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$10. \quad \begin{array}{r} -9x - 2 = 13 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x =$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$10. \quad \begin{array}{r} -9x - 2 = 13 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x = \frac{-15}{9}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$10. \quad \begin{array}{r} -9x - 2 = 13 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x = \frac{-15}{9}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$10. \quad \begin{array}{r} -9x - 2 = 13 \\ +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x = \frac{-5}{3}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -9.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x = \frac{-5}{3}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} = \frac{15}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9x}{-9} = \frac{15}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$11. \quad -35x + 2 = -19$$

$$12. \quad -15x - 23 = 1$$

**Subtract 2 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad -9 \quad -9 \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Subtract 2 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Subtract 2 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Subtract 2 from both sides.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \end{array}$$

$$12. \quad -15x - 23 = 1$$



## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \\ \quad \quad \frac{-35}{-35} \quad \frac{-21}{-35} \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \\ \quad \quad \frac{-35}{-35} \quad \frac{-21}{-35} \\ \quad \quad x = \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9x}{-9} = \frac{15}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \\ \quad \quad \frac{-35x}{-35} = \frac{-21}{-35} \\ \quad \quad x = \frac{21}{35} \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \\ \quad \quad \frac{-35}{-35} \quad \frac{-21}{-35} \\ \quad \quad x = \frac{21}{35} \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

## Algebra I Class Worksheet #1 Unit 5

Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \quad \quad -9x = 15 \\ \quad \quad \frac{-9}{-9} \quad \frac{-9}{-9} \\ \quad \quad x = \frac{-5}{3} \end{array}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad \quad -2 \quad -2 \\ \hline \quad \quad -35x = -21 \\ \quad \quad \frac{-35}{-35} \quad \frac{-21}{-35} \\ \quad \quad x = \frac{3}{5} \end{array}$$

$$12. \quad -15x - 23 = 1$$

**Divide both sides by -35.**

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Solve each of the following equations. Show your steps neatly organized. Express your answers in lowest terms. Do not change improper fractions to mixed numbers.

$$\begin{array}{r} 10. \quad -9x - 2 = 13 \\ \quad \quad +2 \quad +2 \\ \hline \end{array}$$

$$\frac{-9x}{-9} = \frac{15}{-9}$$

$$x = \frac{-5}{3}$$

$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-35x}{-35} = \frac{-21}{-35}$$

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$$x = \frac{3}{5}$$

$$12. \quad -15x - 23 = 1$$



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$$x = \frac{-5}{3}$$

$$11. \quad \begin{array}{r} -35x + 2 = -19 \\ -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-35x}{-35} = \frac{-21}{-35}$$

$$x = \frac{3}{5}$$

$$12. \quad -15x - 23 = 1$$

**Add 23 to both sides.**

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$$\begin{array}{r} 11. \quad -35x + 2 = -19 \\ \quad \quad -2 \quad -2 \\ \hline \end{array}$$

$$\frac{-35x}{-35} = \frac{-21}{-35}$$

$$x = \frac{3}{5}$$

$$\begin{array}{r} 12. \quad -15x - 23 = 1 \\ \quad \quad \quad +23 +23 \\ \hline \end{array}$$

**Add 23 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

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$$\begin{array}{r} -9x = 15 \\ \hline -9 \quad -9 \\ \hline x = \frac{-5}{3} \end{array}$$

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$$\begin{array}{r} -35x = -21 \\ \hline -35 \quad -35 \\ \hline x = \frac{3}{5} \end{array}$$

$$\begin{array}{r} 12. \quad -15x - 23 = 1 \\ \quad \quad +23 +23 \\ \hline \end{array}$$

$$-15x =$$

**Add 23 to both sides.**

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$$\begin{array}{r} 12. \quad -15x - 23 = 1 \\ \quad \quad +23 \quad +23 \\ \hline \end{array}$$

$$-15x = 24$$

**Add 23 to both sides.**

## Algebra I Class Worksheet #1 Unit 5

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$$\begin{array}{r} 12. \quad -15x - 23 = 1 \\ \quad \quad \quad +23 \quad +23 \\ \hline \quad \quad -15x = 24 \end{array}$$

**Divide both sides by -15.**

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**Divide both sides by -15.**

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$$12. \quad \begin{array}{r} -15x - 23 = 1 \\ +23 \quad +23 \\ \hline \end{array}$$

$$\frac{-15x}{-15} = \frac{24}{-15}$$

$$x =$$

**Divide both sides by -15.**



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$$\begin{array}{r} \frac{-15x}{-15} = \frac{24}{-15} \\ x = \frac{-24}{15} \end{array}$$

**Divide both sides by -15.**

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**Divide both sides by -15.**

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**Good luck on your homework.**

