Algebra I Lesson #1 Unit 3
Class Worksheet #1
For Worksheet #1

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x **x**

x + 7

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2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x **x +**

x + 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x **x + x + 7**

x + 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

x + x + 7 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

x + x + 7 = 43

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

x + x + 7 = 43

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

x + x + 7 = 43
2x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

x + x + 7 = 43
2x + 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

x + x + 7 = 43
2x + 7 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

x + x + 7 = 43
2x + 7 = 43

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

x + x + 7 = 43

2x + 7 = 43

2x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

x + x + 7 = 43

2x + 7 = 43

2x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

$$x =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

$$x = 18$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

$$x = 18$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

$$x = 18$$

x + 7 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x

x + 7

$$x + x + 7 = 43$$

$$2x + 7 = 43$$

$$2x = 36$$

$$x = 18$$

$$x + 7 = 25$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

$$x + x + 7 = 43$$
$$2x + 7 = 43$$
$$2x = 36$$
$$x = 18$$
$$x + 7 = 25$$

The numbers are 18 and 25.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

1. One number is seven more than another. Their sum is 43. What are the numbers?

x
x + 7

$$x + x + 7 = 43$$
$$2x + 7 = 43$$
$$2x = 36$$
$$x = 18$$
$$x + 7 = 25$$

The numbers are 18 and 25.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x
x – 2

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x
x – 2

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x +

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

2x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x
x – 2

x + x – 2 = 68
2x – 2

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x
x – 2

x + x – 2 = 68
2x – 2 = 68

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

2x – 2 = 68

2x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

2x – 2 = 68

2x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

2x – 2 = 68

2x = 70

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

x + x – 2 = 68

2x – 2 = 68

2x = 70

x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

$$x + x - 2 = 68$$

$$2x - 2 = 68$$

$$2x = 70$$

$$x = 35$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

$$x + x - 2 = 68$$

$$2x - 2 = 68$$

$$2x = 70$$

$$x = 35$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

$$x + x - 2 = 68$$

$$2x - 2 = 68$$

$$2x = 70$$

$$x = 35$$

x – 2 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

$$x + x - 2 = 68$$

$$2x - 2 = 68$$

$$2x = 70$$

$$x = 35$$

$$x - 2 = 33$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x

x – 2

$$x + x - 2 = 68$$

$$2x - 2 = 68$$

$$2x = 70$$

$$x = 35$$

$$x - 2 = 33$$

The numbers are 35 and 33.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

2. One number is two less than another. Their sum is 68. What are the numbers?

x
x – 2

$$x + x - 2 = 68$$
$$2x - 2 = 68$$
$$2x = 70$$
$$x = 35$$
$$x - 2 = 33$$

The numbers are 35 and 33.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x **x**

5x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x **x +**

5x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42
x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42
x = 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

$$x + 5x = 42$$
$$6x = 42$$
$$x = 7$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42
x = 7
5x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42
x = 7
5x = 35

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

$$x + 5x = 42$$
$$6x = 42$$
$$x = 7$$
$$5x = 35$$

The numbers are 7 and 35.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

3. One number is five times another. Their sum is 42. What are the numbers?

x
5x

x + 5x = 42
6x = 42
x = 7
5x = 35

The numbers are 7 and 35.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x
2x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x +

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x
2x + 3

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x
2x + 3

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x **x**

2x + 3

1. **R**epresent all unknowns in terms of the same variable.
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Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

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x **x +**

2x + 3

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2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x
2x + 3

x + 2x + 3

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3

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2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3 = 36

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3 = 36

3x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3 = 36

3x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3 = 36

3x = 33

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

x + 2x + 3 = 36

3x + 3 = 36

3x = 33

x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

$$x + 2x + 3 = 36$$

$$3x + 3 = 36$$

$$3x = 33$$

$$x = 11$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

$$x + 2x + 3 = 36$$

$$3x + 3 = 36$$

$$3x = 33$$

$$x = 11$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

$$x + 2x + 3 = 36$$

$$3x + 3 = 36$$

$$3x = 33$$

$$x = 11$$

2x + 3 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

$$x + 2x + 3 = 36$$

$$3x + 3 = 36$$

$$3x = 33$$

$$x = 11$$

$$2x + 3 = 25$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x
2x + 3

$$x + 2x + 3 = 36$$
$$3x + 3 = 36$$
$$3x = 33$$
$$x = 11$$
$$2x + 3 = 25$$

The numbers are 11 and 25.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

4. One number is three more than two times another. Their sum is 36. What are the numbers?

x

2x + 3

$$x + 2x + 3 = 36$$

$$3x + 3 = 36$$

$$3x = 33$$

$$x = 11$$

$$2x + 3 = 25$$

The numbers are 11 and 25.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x
3x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x –

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x
3x – 5

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x
3x – 5

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x **x**

3x – 5

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x **x +**

3x – 5

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

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5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x **x + 3x – 5 = 23**

3x – 5 **4x – 5**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x **x + 3x – 5 = 23**

3x – 5 **4x – 5 =**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

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5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

3x – 5

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

3x – 5 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

3x – 5 = 16

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

$$x + 3x - 5 = 23$$

$$4x - 5 = 23$$

$$4x = 28$$

$$x = 7$$

$$3x - 5 = 16$$

The numbers are 7 and 16.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

5. One number is five less than three times another. Their sum is 23. What are the numbers?

x

3x – 5

x + 3x – 5 = 23

4x – 5 = 23

4x = 28

x = 7

3x – 5 = 16

The numbers are 7 and 16.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al :

Nancy :

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy :

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x
Nancy : x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x +

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x
Nancy : x + 25

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x
Nancy : x + 25

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x **x**

Nancy : x + 25

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x **x +**
Nancy : x + 25

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

x + x + 25

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x
Nancy : x + 25

x + x + 25 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

x + x + 25 = 85

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

x + x + 25 = 85

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

x + x + 25 = 85

2x

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

x + x + 25 = 85

2x + 25

1. **R**epresent all unknowns in terms of the same variable.
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Solve each of the following problems algebraically (one variable solution).

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Al : x

Nancy : x + 25

x + x + 25 = 85

2x + 25 = 85

1. **R**epresent all unknowns in terms of the same variable.
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Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

$$x + x + 25 = 85$$

$$2x + 25 = 85$$

$$2x$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

6. Nancy won $25 more than Al. Together, they won a total of $85. How much did each person win?

Al : x

Nancy : x + 25

$$x + x + 25 = 85$$

$$2x + 25 = 85$$

$$2x =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

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Nancy : x + 25

$$x + x + 25 = 85$$

$$2x + 25 = 85$$

$$2x = 60$$

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$$2x = 60$$

$$x = 30$$

1. **R**epresent all unknowns in terms of the same variable.
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$$2x = 60$$
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$$x = 30$$
$$x + 25 =$$

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Nancy : x + 25

$$x + x + 25 = 85$$
$$2x + 25 = 85$$
$$2x = 60$$
$$x = 30$$
$$x + 25 = 55$$

1. **R**epresent all unknowns in terms of the same variable.
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Nancy : x + 25

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$$2x + 25 = 85$$
$$2x = 60$$
$$x = 30$$
$$x + 25 = 55$$

Al won $30

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2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

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Al : x
Nancy : x + 25

$$x + x + 25 = 85$$
$$2x + 25 = 85$$
$$2x = 60$$
$$x = 30$$
$$x + 25 = 55$$

Al won $30, and Nancy won $55.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

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$$2x = 60$$
$$x = 30$$
$$x + 25 = 55$$

Al won $30, and Nancy won $55.

1. **R**epresent all unknowns in terms of the same variable.
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5. **C**heck your solution.

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Jim :

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Jim : x

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Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x **x**
Jim : x – 80

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x **x +**
Jim : x – 80

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

x + x – 80

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

x + x – 80 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

x + x – 80 = 200

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Tom : x
Jim : x – 80

x + x – 80 = 200

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

x + x – 80 = 200
2x

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x **x + x – 80 = 200**

Jim : x – 80 **2x – 80**

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x **x + x – 80 = 200**

Jim : x – 80 **2x – 80 = 200**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x =$$

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

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Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

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Jim : x – 80

$$x + x - 80 = 200$$
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$$2x = 280$$
$$x = 140$$
$$x - 80 =$$

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Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$
$$x - 80 = 60$$

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Solve each of the following problems algebraically (one variable solution).

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Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$
$$x - 80 = 60$$

Tom won $140

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

7. Jim won $80 less than Tom. Together, they won a total of $200. How much did each person win?

Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$
$$x - 80 = 60$$

Tom won $140, and Jim won $60.

1. **R**epresent all unknowns in terms of the same variable.
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Tom : x
Jim : x – 80

$$x + x - 80 = 200$$
$$2x - 80 = 200$$
$$2x = 280$$
$$x = 140$$
$$x - 80 = 60$$

Tom won $140, and Jim won $60.

1. **R**epresent all unknowns in terms of the same variable.
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Algebra I Class Worksheet #1 Unit 3 RESAC Method

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Sue :
Tim :

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Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x

1. **R**epresent all unknowns in terms of the same variable.

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Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x +

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

1. **R**epresent all unknowns in terms of the same variable.

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Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Sue : x **x**

Tim : 4x + 10

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Sue : x **x +**
Tim : 4x + 10

1. **R**epresent all unknowns in terms of the same variable.
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Sue : x
Tim : 4x + 10

x + 4x + 10

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

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Sue : x
Tim : 4x + 10

x + 4x + 10 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

x + 4x + 10 = 70

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

x + 4x + 10 = 70

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

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Sue : x **x + 4x + 10 = 70**

Tim : 4x + 10 **5x**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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Solve each of the following problems algebraically (one variable solution).

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Sue : x **x + 4x + 10 = 70**

Tim : 4x + 10 **5x + 10**

1. **R**epresent all unknowns in terms of the same variable.
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Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x **x + 4x + 10 = 70**

Tim : 4x + 10 **5x + 10 = 70**

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x =$$

1. **R**epresent all unknowns in terms of the same variable.
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3. **S**olve the equation.

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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x =$$

1. **R**epresent all unknowns in terms of the same variable.
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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
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Solve each of the following problems algebraically (one variable solution).

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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
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4. **A**nswer the question (complete sentence).

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Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$
$$4x + 10 =$$

1. **R**epresent all unknowns in terms of the same variable.
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8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$
$$4x + 10 = 58$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

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Tim : 4x + 10

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$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$
$$4x + 10 = 58$$

Sue received $12

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$
$$4x + 10 = 58$$

Sue received $12, and Tim received $58.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

8. Tim and Sue received a total of $70. The amount that Tim received was $10 more than four times the amount that Sue received. How much did each person receive?

Sue : x
Tim : 4x + 10

$$x + 4x + 10 = 70$$
$$5x + 10 = 70$$
$$5x = 60$$
$$x = 12$$
$$4x + 10 = 58$$

Sue received $12, and Tim received $58.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul :
Kate :

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate :

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x –

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

1. **R**epresent all unknowns in terms of the same variable.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x **x**
Kate : 2x – 20

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x **x +**
Kate : 2x – 20

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

x + 2x – 20

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

x + 2x – 20 =

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

x + 2x – 20 = 100

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

x + 2x – 20 = 100

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x **x + 2x – 20 = 100**

Kate : 2x – 20 **3x**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x **x + 2x – 20 = 100**

Kate : 2x – 20 **3x – 20**

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

x + 2x – 20 = 100
3x – 20 = 100

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$
$$2x - 20 =$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$
$$2x - 20 = 60$$

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$
$$2x - 20 = 60$$

Paul received $40

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$
$$2x - 20 = 60$$

Paul received $40, and Kate received $60.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$
$$2x - 20 = 60$$

Paul received $40, and Kate received $60.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.

Algebra I Class Worksheet #1 Unit 3 RESAC Method

Solve each of the following problems algebraically (one variable solution).

9. Kate and Paul received a total of $100. The amount that Kate received was $20 less than two times the amount that Paul received. How much did each person receive?

Paul : x
Kate : 2x – 20

$$x + 2x - 20 = 100$$
$$3x - 20 = 100$$
$$3x = 120$$
$$x = 40$$

Paul received $40, and Kate received $60.

Good luck on your homework.

1. **R**epresent all unknowns in terms of the same variable.
2. Write an **E**quation.
3. **S**olve the equation.
4. **A**nswer the question (complete sentence).
5. **C**heck your solution.