Algebra I Lesson #3 Unit 3
Class Worksheet #3
For Worksheets #4 - 6

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1
   x + 2

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1
   x + 2
   x + 3

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1
   x + 2
   x + 3

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1
   x + 2
   x + 3

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

   x
   x + 1
   x + 2
   x + 3

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x +

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 =

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

4x = 144

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150

4x = 144

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 =

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
x + 2 = 38

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
x + 2 = 38
x + 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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
x + 2 = 38
x + 3 = 39

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
x + 2 = 38
x + 3 = 39

The numbers are 36, 37, 38, and 39.

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 #3 Unit 3 RESAC Method

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

1. The sum of four consecutive whole numbers is 150.
   What are the whole numbers?

x
x + 1
x + 2
x + 3

4x + 6 = 150
4x = 144
x = 36
x + 1 = 37
x + 2 = 38
x + 3 = 39

The numbers are 36, 37, 38, and 39.

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2
   x + 4

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2
   x + 4
   x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2
   x + 4
   x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2
   x + 4
   x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

   x
   x + 2
   x + 4
   x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x +

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 =

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22
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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

x = 22

x + 2 = 24

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22
x + 2 = 24
x + 4 =

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

x = 22

x + 2 = 24

x + 4 = 26

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22
x + 2 = 24
x + 4 = 26
x + 6 =

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100
4x = 88
x = 22
x + 2 = 24
x + 4 = 26
x + 6 = 28

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

x = 22

x + 2 = 24
x + 4 = 26
x + 6 = 28

The numbers are 22, 24, 26, and 28.

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 #3 Unit 3 RESAC Method

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

2. The sum of four consecutive even whole numbers is 100.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 100

4x = 88

x = 22

x + 2 = 24
x + 4 = 26
x + 6 = 28

The numbers are 22, 24, 26, and 28.

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

   x
   x + 2

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

   x
   x + 2
   x + 4

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

   x
   x + 2
   x + 4
   x + 6

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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   What are the whole numbers?

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   x + 4
   x + 6

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Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x +

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 =

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

4x = 188

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

4x = 188

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

4x = 188

x = 47

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
x + 2 = 49

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
x + 2 = 49
x + 4 =

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
x + 2 = 49
x + 4 = 51

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
x + 2 = 49
x + 4 = 51
x + 6 =

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200
4x = 188
x = 47
x + 2 = 49
x + 4 = 51
x + 6 = 53

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 #3 Unit 3 RESAC Method

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

3. The sum of four consecutive odd whole numbers is 200.
   What are the whole numbers?

x
x + 2
x + 4
x + 6

4x + 12 = 200

4x = 188

x = 47

x + 2 = 49
x + 4 = 51
x + 6 = 53

The numbers are 47, 49, 51, and 53.

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

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Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number :

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x 6x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x 6x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x –**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4 =**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

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Ken's number : x **6x – 4 = 188**

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

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4 = 188**

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

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4 = 188**

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4 = 188**

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x **6x – 4 = 188**

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

6x – 4 = 188

6x = 192

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$

$$6x = 192$$

$$x$$

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$

$$6x = 192$$

$$x =$$

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$

$$6x = 192$$

$$x = 32$$

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$

$$6x = 192$$

$$x = 32$$

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$

$$6x = 192$$

$$x = 32$$

Ken's number was 32.

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 #3 Unit 3 RESAC Method

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

4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188. What was Kenôs original number?

Ken's number : x

$$6x - 4 = 188$$
$$6x = 192$$
$$x = 32$$

Ken's number was 32.

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number :

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **x –**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x x – 5

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x x – 5

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5)**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5)**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) =**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x **2(x – 5) = 130**

2x – 10

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 #3 Unit 3 RESAC Method

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

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Kim's number : x **2(x – 5) = 130**

2x – 10 =

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5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

2(x – 5) = 130

2x – 10 = 130

1. **R**epresent all unknowns in terms of the same variable.
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Kim's number : x

$$2(x - 5) = 130$$

$$2x - 10 = 130$$

$$2x$$

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).

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$

$$2x - 10 = 130$$

$$2x =$$

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$

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 #3 Unit 3 RESAC Method

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

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Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x$$

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x =$$

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

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x = 70$$

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

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x = 70$$

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x = 70$$

Kim's number was 70.

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 #3 Unit 3 RESAC Method

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

5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130. What was Kimôs original number?

Kim's number : x

$$2(x - 5) = 130$$
$$2x - 10 = 130$$
$$2x = 140$$
$$x = 70$$

Kim's number was 70.

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 #3 Unit 3 RESAC Method

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

6. Bill and Steve drive toward each other from places that are 231 miles apart. Bill averages 35 miles per hour, while Steve averages 42 miles per hour. If they both start driving at 8:00 AM, then at what time will they meet?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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Bill :

Steve :

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	driving time (hrs.)
Bill :	
Steve :	

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

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	driving time (hrs.)
Bill :	**x**
Steve :	

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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	driving time (hrs.)
Bill :	**x**
Steve :	**x**

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

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	driving time (hrs.)
Bill :	**x**
Steve :	**x**

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	driving time (hrs.)
Bill :	**x**
Steve :	**x**

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	driving time (hrs.)	**rate (mph)**
Bill :	**x**	
Steve :	**x**	

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	**rate (mph)**
Bill :	**x**	**35**
Steve :	**x**	

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	driving time (hrs.)	**rate (mph)**
Bill :	**x**	**35**
Steve :	**x**	

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	**rate (mph)**
Bill :	**x**	**35**
Steve :	**x**	**42**

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	
Steve :	**x**	**42**	

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**

total distance :

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		

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Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
total distance :			**231**

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Bill :	**x**	**35**	**35x**	**35x**
Steve :	**x**	**42**	**42x**	
	total distance :		**231**	

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	driving time (hrs.)	rate (mph)	distance (miles)	
Bill :	**x**	**35**	**35x**	**35x +**
Steve :	**x**	**42**	**42x**	
	total distance :		**231**	

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x =

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Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

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 #3 Unit 3 RESAC Method

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x

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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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x =

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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x

1. **R**epresent all unknowns in terms of the same variable.
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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x =

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

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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	driving time (hrs.)	**rate (mph)**	**distance (miles)**
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 3

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 #3 Unit 3 RESAC Method

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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 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 #3 Unit 3 RESAC Method

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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 3

They left at 8:00 AM.

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 #3 Unit 3 RESAC Method

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	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 3

They left at 8:00 AM.
They drove for 3 hours.

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 #3 Unit 3 RESAC Method

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

6. Bill and Steve drive toward each other from places that are 231 miles apart. Bill averages 35 miles per hour, while Steve averages 42 miles per hour. If they both start driving at 8:00 AM, then at what time will they meet?

	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 3

They left at 8:00 AM.
They drove for 3 hours.
They will meet at 11:00 AM.

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 #3 Unit 3 RESAC Method

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

6. Bill and Steve drive toward each other from places that are 231 miles apart. Bill averages 35 miles per hour, while Steve averages 42 miles per hour. If they both start driving at 8:00 AM, then at what time will they meet?

	driving time (hrs.)	rate (mph)	distance (miles)
Bill :	**x**	**35**	**35x**
Steve :	**x**	**42**	**42x**
	total distance :		**231**

35x + 42x = 231

77x = 231

x = 3

They left at 8:00 AM.
They drove for 3 hours.
They will meet at 11:00 AM.

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 #3 Unit 3 RESAC Method

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

7. Ann and Kate drive toward each other from places that are 415 miles apart. Ann starts driving at 1:00 PM and averages 45 miles per hour. Kate also starts driving at 1:00 PM and averages 38 miles per hour. At what time will they meet?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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Ann :

Kate :

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	driving time (hrs.)
Ann :	
Kate :	

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Ann :	**x**
Kate :	

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	driving time (hrs.)	**rate (mph)**
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	driving time (hrs.)	**rate (mph)**
Ann :	**x**	**45**
Kate :	**x**	**38**

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83x

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	total distance :		**415**

$$45x + 38x = 415$$

$$83x = 415$$

$$x = 5$$

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Ann :	**x**	**45**	**45x**
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45x + 38x = 415

83x = 415

x = 5

They left at 1:00 PM.

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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Kate :	**x**	**38**	**38x**
	total distance :		**415**

45x + 38x = 415

83x = 415

x = 5

They left at 1:00 PM.
They drove for 5 hours.

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Kate :	**x**	**38**	**38x**
	total distance :		**415**

45x + 38x = 415

83x = 415

x = 5

They left at 1:00 PM.
They drove for 5 hours.

They will meet at 6:00 PM.

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

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

8. Sue and Mark drive toward each other from places that are 350 miles apart. Sue starts driving at 8:00 AM and averages 52 miles per hour. Mark starts driving at 11:00 AM and averages 45 miles per hour. At what time will they meet?

Algebra I Class Worksheet #3 Unit 3 RESAC Method

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

8. Sue and Mark drive toward each other from places that are 350 miles apart. Sue starts driving at 8:00 AM and averages 52 miles per hour. Mark starts driving at 11:00 AM and averages 45 miles per hour. At what time will they meet?

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Mark :

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	driving time (hrs.)
Sue :	
Mark :	

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	driving time (hrs.)
Sue :	
Mark :	**x**

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	driving time (hrs.)
Sue :	**x + 3**
Mark :	**x**

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Sue :	**x + 3**	**52**
Mark :	**x**	

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

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

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total distance :

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52(x + 3) + 45x = 350

52x + 156 + 45x = 350

97x + 156 = 350

97x = 194

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97x = 194

x

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97x + 156 = 350

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4. **A**nswer the question (complete sentence).

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x = 2

Mark left at 11:00 AM.

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52(x + 3) + 45x = 350

52x + 156 + 45x = 350

97x + 156 = 350

97x = 194

x = 2

Mark left at 11:00 AM.
He drove for 2 hours.

1. **R**epresent all unknowns in terms of the same variable.
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52(x + 3) + 45x = 350

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97x + 156 = 350

97x = 194

x = 2

Mark left at 11:00 AM.
He drove for 2 hours.

They will meet at 1:00 PM.

1. **R**epresent all unknowns in terms of the same variable.
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He drove for 2 hours.

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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 #3 Unit 3 RESAC Method

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

8. Sue and Mark drive toward each other from places that are 350 miles apart. Sue starts driving at 8:00 AM and averages 52 miles per hour. Mark starts driving at 11:00 AM and averages 45 miles per hour. At what time will they meet?

	driving time (hrs.)	rate (mph)	distance (miles)
Sue :	**x + 3**	**52**	**52(x + 3)**
Mark :	**x**	**45**	**45x**
			350

52(x + 3) + 45x = 350

52x + 156 + 45x = 350

97x + 156 = 350

97x = 194

Mark left at 11:00 AM.

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.