

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

## 2-1 Combine Like Terms to Solve Equations

### Guided notes

<b>Combine Like Terms with Negative Coefficients to Solve Equations</b>		
<p>1. Solve the equation <math>-3.5y - 6.2y = -87.3</math></p> <p>Step 1. Combine like terms</p> <p>Step 2. Solve for y.</p> <p>Step 3. Check</p>		

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<p>3. Solve the equation <math>-\frac{1}{4}d - \frac{2}{5}d = 39</math></p>	<p>4. Solve the equation <math>-9.76x - (-12.81x) = 8.54</math></p>
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Name: \_\_\_\_\_

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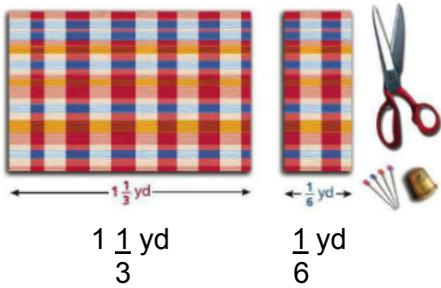
Date: \_\_\_\_\_

## 2-1 Combine Like Terms to Solve Equations Word Problems

### Guided notes

#### Combine Like Terms to Solve Addition Equations

1. Gianna has 36 yards of fabric to make sets of matching placemats and napkins. How many matching sets can she make?

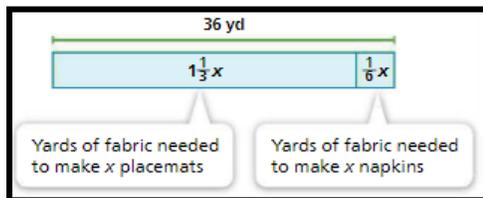


Step 1. Write an equation. \_\_\_\_\_ = \_\_\_\_\_

Step 2. Combine like terms

Step 3. Solve for x.

Step 4. Check



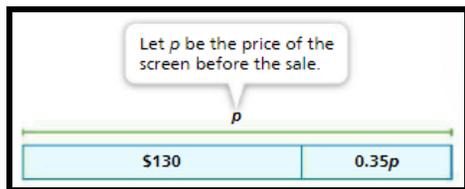
#### Combine Like Terms to Solve Subtraction Equations

Step 1. Write an equation. \_\_\_\_\_ = \_\_\_\_\_

2. Selene bought a computer screen on sale for 35% off the original price. What was the price of the computer screen before the sale?



computer screen sale price \$130



Step 2. Combine like terms

Step 3. Solve for p.

Step 4. Check

## 2-1 Practice Problems

1. Selena spends \$53.94 to buy a necklace and bracelet set for each of her friends. Each necklace costs \$9.99, and each bracelet costs \$7.99. How many necklace and bracelet sets did Selena buy?

Step 1. Write an equation. \_\_\_\_\_ = \_\_\_\_\_

Step 2. Combine like terms

Step 3. Solve for x.

Step 4. Check

2. Nat's grocery bill was \$150, which included a 5% club discount. What was Nat's bill before the discount?

Step 1. Write an equation. \_\_\_\_\_ = \_\_\_\_\_

Step 2. Combine like terms

Step 3. Solve for x.

Step 4. Check

5. Henry is following the recipe card to make a cake. He uses  $2\frac{2}{3}$  cups for the batter and  $\frac{1}{2}$  cup for the topping. If Henry has 95 cups of flour, how many cakes can Henry make?

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2-1 Assignment Savvas Easybridge

Log in to Savvas Easybridge and complete the assignment. Show all work on this sheet of paper.

1.

2.

3.

4.

5.	