## Grade 8

**Parents:** Please help your child choose the most appropriate assignment(s) to complete each day. When the day's assignment is done, students finish the two reflection statements on this page.

Please note Extra Practice activities are on-level for the grade level. Re-Engage activities give students additional support. Special Education students should use the Re-Engage lessons as shown in the weekly plans.

|            |            | Monday                                                                         | Tuesday                                                                        | Wednesday                                                       | Thursday                                                        | Friday                                                          |
|------------|------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
|            | Topic      | Scientific Notation                                                            | Scientific Notation:<br>Add and Subtract                                       | Scientific Notation:<br>Multiply and Divide                     | One-Step Equations                                              | Collect Like Terms                                              |
|            | Assignment | Unit 3 Lesson 2<br>Re-Engage A<br>Re-Engage B<br>Re-Engage C<br>Extra Practice | Unit 3 Lesson 4<br>Re-Engage A<br>Re-Engage B<br>Re-Engage C<br>Extra Practice | Unit 3 Lesson 6<br>Re-Engage A<br>Re-Engage B<br>Extra Practice | Unit 4 Lesson 2<br>Re-Engage A<br>Re-Engage B<br>Extra Practice | Unit 4 Lesson 3<br>Re-Engage A<br>Re-Engage B<br>Extra Practice |
| Video      | link       | Unit 3 Lesson 2                                                                | <u>Unit 3 Lesson 4</u>                                                         | <u>Unit 3 Lesson 6</u>                                          | <u>Unit 4 Lesson 2</u>                                          | <u>Unit 4 Lesson 3</u>                                          |
| Fluency    | Practice   | Integers<br>Addition Fluency A                                                 | Integers Integers<br>Addition Fluency B Addition Fluency C                     |                                                                 | Integers<br>Addition Fluency D                                  | Integers<br>Addition Fluency A                                  |
|            |            | One thing I was successful with is                                             | One thing I was successful with is                                             | One thing I was successful with is                              | One thing I was successful with is                              | One thing I was successful with is                              |
| Reflection |            | One thing I need more<br>help with is                                          | One thing I need more<br>help with is                                          | One thing I need more<br>help with is                           | One thing I need more<br>help with is                           | One thing I need more<br>help with is                           |

Find this packet on swunmath.com. Click on the hyperlinks to jump to the lesson videos.



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## Model

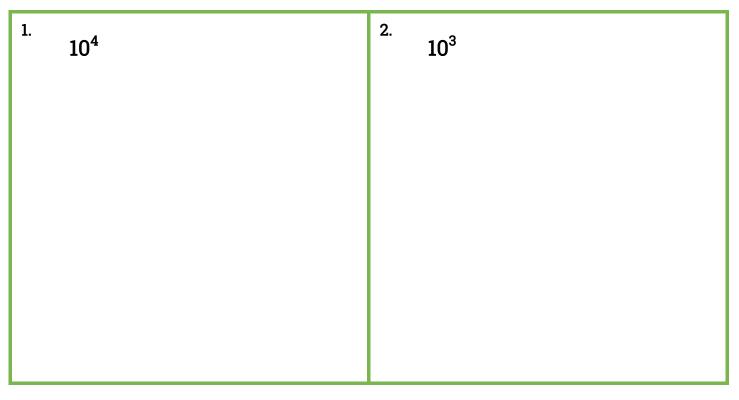
10<sup>3</sup> Directions: Solve.

Step 1. Rewrite 10<sup>5</sup> as the expanded version of 10 multiplied by itself 5 times

Step 2. Multiply 10 × 10 × 10 × 10 × 10 = 100,000

\*Optional Steps – Write a 1 and add 5 zeros to the right. Powers of 10 can always be expanding by a one followed by the number of zeros that the exponent gives.

# **Structured Guided Practice**







| 1. | 10 <sup>6</sup> | 2. | 10 <sup>7</sup>  |
|----|-----------------|----|------------------|
| 3. | 10 <sup>2</sup> | 4. | 10 <sup>9</sup>  |
| 5. | 10 <sup>8</sup> | 6. | 10 <sup>10</sup> |



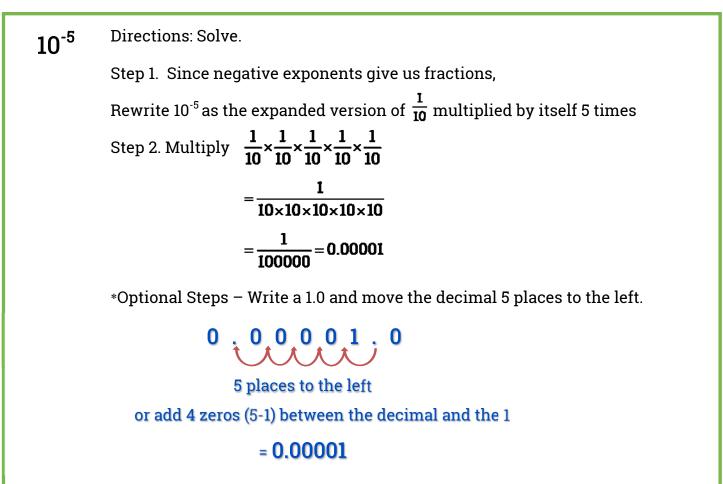
#### **Re-Engage** Unit 3 Lesson 1-2b: Negative Powers of 10

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#### Model



#### **Structured Guided Practice**

| <sup>1.</sup> 10 <sup>-4</sup> | <sup>2.</sup> 10 <sup>-6</sup> |
|--------------------------------|--------------------------------|
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |





| 1. | 10 <sup>-3</sup> | 2. | 10 <sup>-7</sup>  |
|----|------------------|----|-------------------|
| 3. | 10 <sup>-8</sup> | 4. | 10 <sup>-2</sup>  |
| 5. | 10 <sup>-9</sup> | 6. | 10 <sup>-10</sup> |



#### **Re-Engage** Unit 3 Lesson 1-2c: Multiplying with Powers of 10



Name:

Date:

## Model

#### Model 1 Model 2 $3.57 \times 10^{3}$ $82.1 \times 10^{-3}$ Directions: Solve. Directions: Solve. Step 1. Write a 3.57 and move the decimal 3 Step 1. Write a 682.1 and move the decimal 3 places to the right since the exponent is places to the left since the exponent is positive. negative. 5<sub>7</sub>0 3. 082.1 2 places to the right, add zeros if blank 3 places to the left, add zeros if blank = 3570 = 0.0821

## **Structured Guided Practice**

| 1. | 42.34 × 10 <sup>3</sup>  | 2. | 93.7 × 10 <sup>4</sup> |
|----|--------------------------|----|------------------------|
| 3. | 394.6 × 10 <sup>-4</sup> | 4. | 725.9 × 10⁻⁵           |





| 1. | 2.98 × 10 <sup>3</sup>    | 2. | 9.3 × 10 <sup>5</sup>    |
|----|---------------------------|----|--------------------------|
| 3. | 4.3 × 10 <sup>4</sup>     | 4. | 279.9 × 10 <sup>-2</sup> |
| 5. | 1578.3 × 10 <sup>-4</sup> | 6. | 24.7 × 10 <sup>-5</sup>  |



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Directions: Convert each number either to standard or scientific notation.

| 1. 0.095                   | 2. 3,050,000              |
|----------------------------|---------------------------|
| 3. 3 × 10 <sup>-4</sup>    | 4. 5.1 × 10 <sup>-4</sup> |
| 5. 4.108 × 10 <sup>3</sup> | 6. 225,795                |

#### **Re-Engage** Unit 3 Lesson 3-4a: Converting Powers of 10

Model



Name:

Date:

#### Model 1 Model 2 $262.4 \times 10^{-4}$ $5.9 \times 10^{4}$ Directions: Convert expression to contain Directions: Convert expression to contain $10^{3}$ $10^{-2}$ Step 1. Expand $10^4$ to $(10^1 \times 10^3)$ using the Step 1. Expand $10^{-4}$ to $(10^{-2} \times 10^{-2})$ using the multiplication property of exponents multiplication property of exponents 1 + 3 = 4-2 + (-2) = -4 $5.9 \times 10^{4}$ $262.4 \times 10^{-4}$ Step 2. Rewrite Step 2. Rewrite $(262.4 \times 10^{-2}) \times 10^{-2}$ $(5.9 \times 10^1) \times 10^3$ as as $= 59 \times 10^{3}$ $= 2.624 \times 10^{-2}$

## **Structured Guided Practice**

**Directions:** Convert expressions.

| 1. | 72.1 × 10⁵              | Convert to 10 <sup>3</sup>  | 2. | 62.5 × 10 <sup>4</sup>  | Convert to 10 <sup>3</sup>  |
|----|-------------------------|-----------------------------|----|-------------------------|-----------------------------|
| 3. | 83.2 × 10 <sup>-5</sup> | Convert to 10 <sup>-2</sup> | 4. | 14.9 × 10 <sup>-6</sup> | Convert to 10 <sup>-3</sup> |





| 1. | 20.34 × 10 <sup>3</sup>   | Convert to 10 <sup>2</sup>  | 2. | 18.4 × 10 <sup>5</sup>    | Convert to 10 <sup>3</sup>  |
|----|---------------------------|-----------------------------|----|---------------------------|-----------------------------|
| 3. | 42.1 × 10 <sup>6</sup>    | Convert to 10 <sup>3</sup>  | 4. | 887.2 × 10 <sup>-6</sup>  | Convert to 10 <sup>-2</sup> |
| 5. | 102.78 × 10 <sup>-5</sup> | Convert to 10 <sup>-3</sup> | 6. | 9024.1 × 10 <sup>-4</sup> | Convert to 10 <sup>-2</sup> |



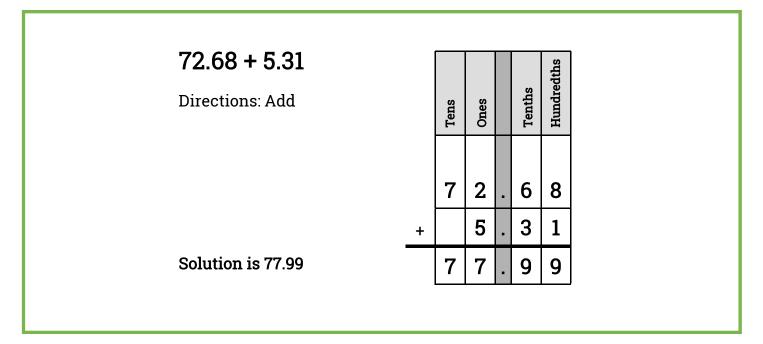
#### **Re-Engage** Unit 3 Lesson 3-4b: Adding Decimals



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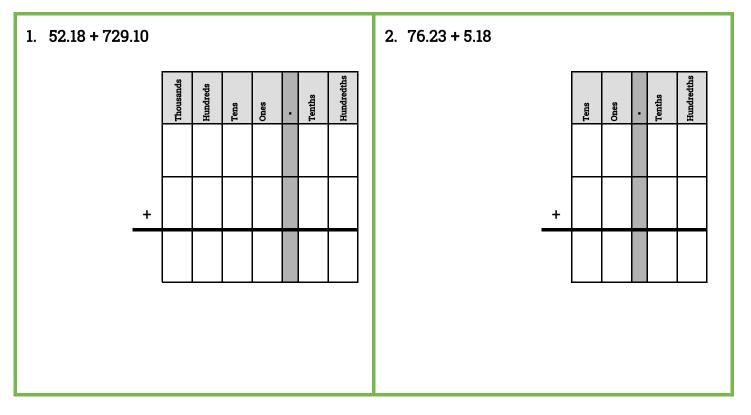
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#### Model



## **Structured Guided Practice**

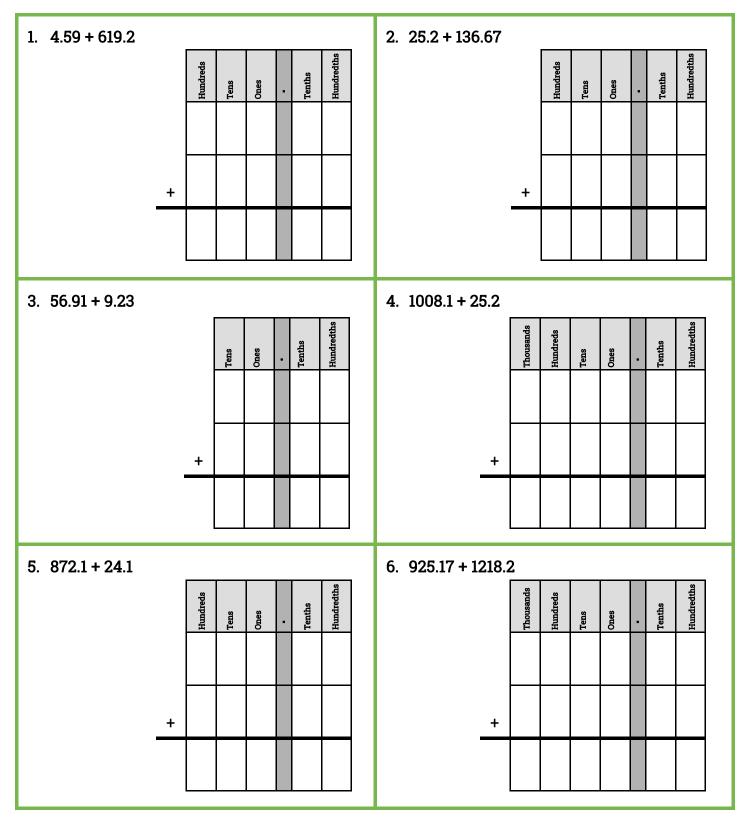
Directions: Add.







#### Directions: Simplify.





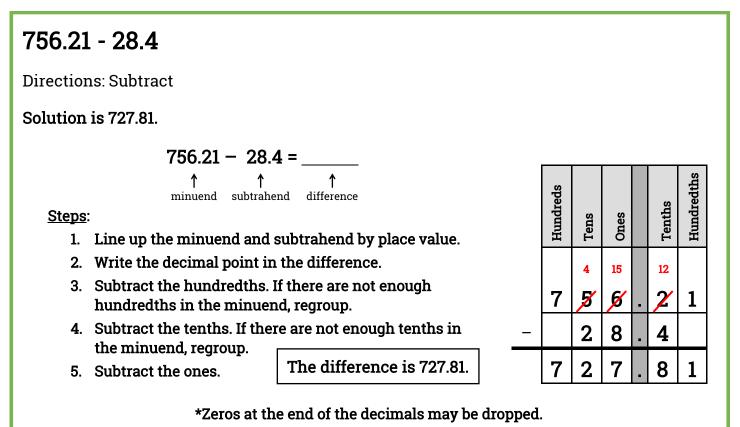
#### **Re-Engage** Unit 3 Lesson 3-4c: Subtracting Decimals



Name:

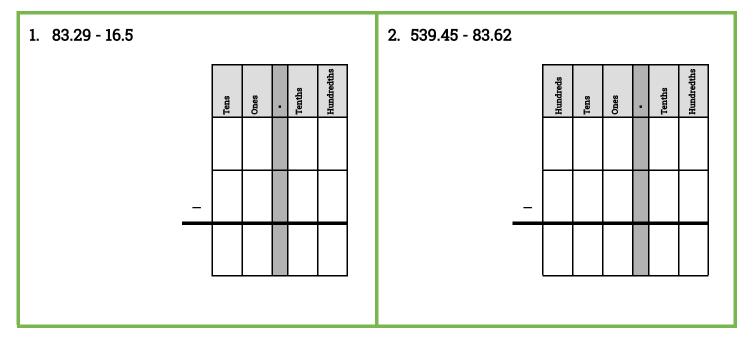
Date:

## Model



#### **Structured Guided Practice**

Directions: Simplify.

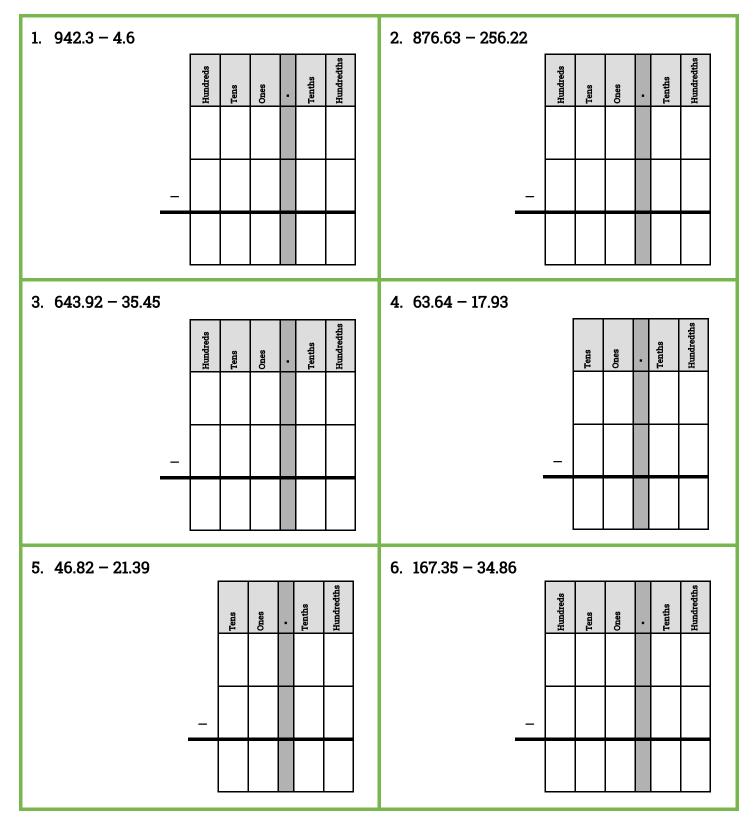








#### Directions: Simplify.







Directions: Simplify the expression. Write the solution in scientific notation.

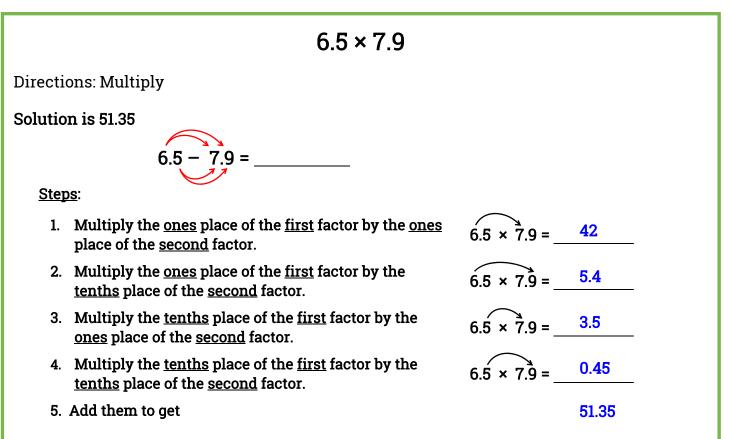
| 1 , 1                                                     |                                                           |
|-----------------------------------------------------------|-----------------------------------------------------------|
| 1. (2.891 × 10 <sup>5</sup> ) + (4.65 × 10 <sup>5</sup> ) | 2. (8.51 × 10 <sup>-2</sup> ) – (5.8 × 10 <sup>-2</sup> ) |
| 3. (5.3 × 10 <sup>-3</sup> ) – (2.74 × 10 <sup>-4</sup> ) | 4. (6.2 × 10 <sup>5</sup> ) + (3.52 × 10 <sup>4</sup> )   |
| 5. (2.35 × 10 <sup>4</sup> ) + (2.743 × 10 <sup>4</sup> ) | 6. (3.15 × 10 <sup>3</sup> ) – (2.85 × 10 <sup>3</sup> )  |

#### **Re-Engage** Unit 3 Lesson 5-7a: Multiplying Decimals

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#### **Structured Guided Practice**

Directions: Multiply.

| 1. 8.2 × 1.3 | 2. 7.8 × 6.4 |
|--------------|--------------|
| 3. 4.9 × 5.1 | 4. 6.0 × 3.6 |



#### **Re-Engage** Unit 3 Lesson 5-7a: Multiplying Decimals



#### **Student Practice**

Directions: Multiply.

| 1. 7.5 × 8.6 | 2. 2.5 × 3.9 |
|--------------|--------------|
|              |              |
|              |              |
|              |              |
|              |              |
| 3. 7.8 × 1.4 | 4. 5.9 × 2.1 |
|              |              |
|              |              |
|              |              |
|              |              |
| 5. 8.3 × 6.4 | 6. 6.7 × 5.8 |
|              |              |
|              |              |
|              |              |
|              |              |



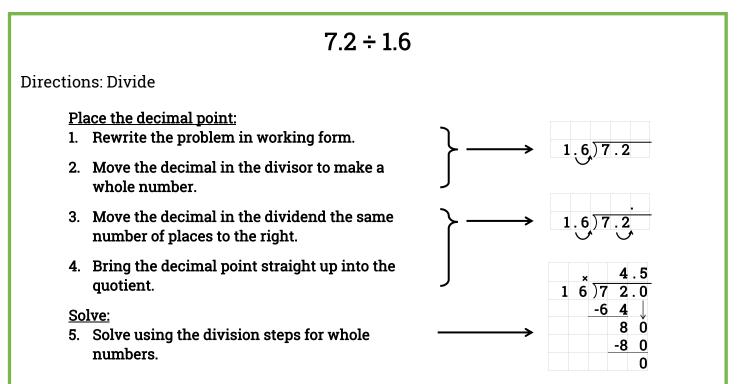
#### **Re-Engage** Unit 3 Lesson 5-7b: Dividing Decimals

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Name:

Date:

#### Model



## **Structured Guided Practice**

Directions: Divide.

| 1. 3.1 ÷ 2.5 | 2. 4.2 ÷ 2.5 |
|--------------|--------------|
|              |              |
|              |              |
| 3. 6.8 ÷ 3.2 | 4. 7.6 ÷ 1.6 |
|              |              |
|              |              |
|              |              |



#### **Re-Engage** Unit 3 Lesson 5-7b: Dividing Decimals



## **Student Practice**

#### Directions: Solve.

| 1. 6.4 ÷ 2.5 | 2. 5.6 ÷ 1.4 |
|--------------|--------------|
|              |              |
|              |              |
|              |              |
| 3. 6.8 ÷ 2.0 | 4. 7.5 ÷ 1.6 |
|              |              |
|              |              |
|              |              |
| 5. 8.4 ÷ 1.5 | 6. 9.2 ÷ 5.0 |
|              |              |
|              |              |
|              |              |





**Directions:** Simplify the expression. Leave the solution in scientific notation.

| 1. (2.5 × 10 <sup>3</sup> ) × (6 × 10 <sup>3</sup> )     | 2. (4.5 × 10 <sup>2</sup> ) × (1.1 × 10 <sup>3</sup> )  |
|----------------------------------------------------------|---------------------------------------------------------|
| 3. (3.6 × 10 <sup>-1</sup> ) ÷ (1.2 × 10 <sup>-3</sup> ) | 4. (8.1 × 10 <sup>3</sup> ) × (3.2 × 10 <sup>-2</sup> ) |
| 5. (6 × 10 <sup>-2</sup> ) ÷ (1.5 × 10 <sup>-4</sup> )   | 6. (1.2 × 10 <sup>-2</sup> ) ÷ (2.5 × 10 <sup>3</sup> ) |



#### **Re-Engage** Unit 4 Lesson 2a: Finding Additive Inverse



Name:

Date:

## Model

#### Model 1 Model 2 $-\frac{1}{4}$ 6 Directions: Find the additive inverse Directions: Find the additive inverse Step 1. Write the integer to add to 6 for a Step 1. Write the integer to add to $-\frac{1}{4}$ for a sum of zero. sum of zero. (x) + 6 = 0 $\left(x\right)+\left(-\frac{1}{4}\right)=0$ Step 2. Substitute x = -6 and check the sum is zero Step 2. Substitute $-\frac{1}{4}$ and check the sum is (-6) + 6 = 0zero The additive inverse is 6. $\left(\frac{1}{4}\right) + \left(-\frac{1}{4}\right) = 0$ The additive inverse is $\frac{1}{4}$ .

## **Structured Guided Practice**

**Directions:** Find the additive inverse.

| 14                | 2. 5             |
|-------------------|------------------|
| 3. <u>-1</u><br>5 | 4. $\frac{3}{4}$ |





**Directions:** Find the additive inverse.

| 1. 7             | 28                |
|------------------|-------------------|
| 36.5             | 4. $-\frac{2}{3}$ |
| 5. <u>7</u><br>8 | 6. <u>-3</u>      |



#### **Re-Engage** Unit 4 Lesson 2b: Finding Multiplicative Inverse



Model 2

Name:

Date:

## Model

#### Model 1

-7

Directions: Find the Multiplicative inverse

Step 1. Write the integer to multiply to -7 for a product of one.

$$(-7)(x) = 1$$

Step 2. Substitute  $x = \frac{1}{7}$  and check the product is one.

$$\left(-7\right)\left(-\frac{1}{7}\right)=1$$

The additive inverse is  $\frac{1}{7}$ .

Directions: Find the Multiplicative inverse

 $\frac{1}{4}$ 

Step 1. Write the integer to multiply to  $\frac{1}{4}$  for a product of one.

$$\left(\frac{1}{4}\right)(\mathbf{x})=1$$

Step 2. Substitute x=4 and check the product is one.

 $\left(\frac{1}{4}\right)$ (4)=1

The additive inverse is **4**.

#### **Structured Guided Practice**

**Directions:** Find the multiplicative inverse.

| 15                | 2. 10            |
|-------------------|------------------|
| 3. $-\frac{1}{4}$ | 4. $\frac{1}{3}$ |





**Directions:** Find the multiplicative inverse.

| 18               | 2. 3              |
|------------------|-------------------|
|                  |                   |
|                  |                   |
| 36               | 4. <u>-1</u><br>9 |
|                  |                   |
|                  |                   |
| 5. <u>1</u><br>5 | $\frac{6.}{10}$   |
|                  |                   |
|                  |                   |



# Extra Practice

Unit 4 · Lessons 1-2: One-Step Equations



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Directions: Identify an inverse operation to use. Solve and check your solution

| 1. | -4x = -16            | 2. | $\frac{r}{3} = -9$ |
|----|----------------------|----|--------------------|
| 3. | 15 = p - 7           | 4. | y + 7 = -7         |
| 5. | $\frac{d}{4} = -2$   | 6. | 3 <i>m</i> = 48    |
| 7. | $\frac{-t}{5} = -20$ | 8. | 17 = 8 + a         |

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#### Model

## 5x<sup>2</sup>, 2a, 3b, 7c, 3x<sup>2</sup>, 8a, 5b

Directions: Order Like Terms

Step 1. Recognize that like terms are terms that have matching variables with the same exponent.

Step 2. Rearrange the terms into alphabetical order. Like terms should be in order from smallest to greatest coefficient.

2a, 8a, 3b, 5b, 7c,  $3x^2$ ,  $5x^2$ 

## **Structured Guided Practice**

**Directions:** Order like terms.

| 1. | 7s, 8x, 9x, 12z <sup>2</sup> , 2s, 10z, 3z <sup>2</sup> | 2. | 4x <sup>2</sup> , 3r, 15x, 9x, 4r, 8x <sup>2</sup> |
|----|---------------------------------------------------------|----|----------------------------------------------------|
|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |
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|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |
|    |                                                         |    |                                                    |





**Directions:** Order like terms.

| 1. 2x, 12y, 9x, 7y <sup>2</sup> , 2s, 20s, 3y <sup>2</sup> | 2. 5c, 3b², 8a, 12b², 15c, 27a, 10b                       |
|------------------------------------------------------------|-----------------------------------------------------------|
| 3. 12s², 7t, 8r, 9q, 3s², 2r, 10q                          | 4. 4x, 3n, 15x, m², 9n, 4m, 8m²                           |
| 5. 10b, 21b, 18a, 5b, 4a, 46c <sup>2</sup>                 | 6. 4, 3r, 12q <sup>2</sup> , 19x, 9x, 4r, 7q <sup>2</sup> |



**Re-Engage** Unit 4 Lesson 3-4b: Combining Like Terms

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#### Model

## $5x^2 + 2a + 3b + 3x^2 + 8a + 5b$

**Directions: Combine Like Terms** 

Step 1. Recognize that like terms are terms that have matching variables with the same exponent.

Step 2. Rearrange the terms into alphabetical order. Like terms should be in order from smallest to greatest coefficient.

2a, 8a, 3b , 5b,  $3x^2$ ,  $5x^2$ 

Step 2. Rearrange the terms in order and add like terms.

2a + 8a, 3b + 5b, 
$$3x^2 + 5x^2$$
  
= 10a + 8b + 8x<sup>2</sup>

#### **Structured Guided Practice**

**Directions:** Combine Like Terms.

| 1. | $8x + 9x + 12z^2 + 10z + 3z^2$ | 2. | $4x^2 + 15x + 9x + 8x^2$ |
|----|--------------------------------|----|--------------------------|
|    |                                |    |                          |
|    |                                |    |                          |
|    |                                |    |                          |
|    |                                |    |                          |
|    |                                |    |                          |
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**Directions:** Combine Like Terms.

| 1. $2x + 12y + 9x + 7y^2 + 3y^2$ | 2. $3b^2 + 8a + 12b^2 + 27a + 10b$   |
|----------------------------------|--------------------------------------|
| 3. $12s^2 + 7t + 8r + 3s^2 + 2r$ | 4. $4x + 3n + 15x + m^2 + 9n + 8m^2$ |
| 5. 10b + 21b + 18a + 5b + 4a     | 6. $3r + 12q^2 + 4r + 7q^2$          |



#### **Extra Practice**

Unit 4 · Lessons 3-4: Two-Step Equations

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|-------|-------|---|
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Directions: Solve and check.

| _  |                          |    |                        |
|----|--------------------------|----|------------------------|
| 1. | -4y + 12 = -16           | 2. | $\frac{b}{3} - 5 = -9$ |
| 3. | 17 = 4 <i>m</i> - 7      | 4. | 4 <i>x</i> – 7 = 13    |
| 5. | $-\frac{f}{5} + 12 = -2$ | 6. | 3t - 2 = 19            |
| 7. | $\frac{-c}{3} + 8 = -7$  | 8. | 16 = 8 +4a             |

| Name      |           |           | Date      | 9         | Integers: Ad<br>Fluency<br>(70 item | Α         |
|-----------|-----------|-----------|-----------|-----------|-------------------------------------|-----------|
| -6+8=     | -7 + 5 =  | -6+-6=    | 4 + -7 =  | -3 + 2 =  | 6 + -7 =                            | 8 + -4 =  |
| -5 + -5 = | -5 + -4 = | -9+8=     | -6 + -4 = | -4 + -3 = | 3 + -4 =                            | -2 + -3 = |
| -6 + -2 = | -7 + 5 =  | -8 + -3 = | -5 + 7 =  | -2 + -9 = | -2 + -5 =                           | 0 + 6 =   |
| 5 + -9 =  | 7 + -9 =  | -6+1=     | -4 + -8 = | -2 + 4 =  | -8 + -9 =                           | 4 + -4 =  |
| -7 + -1 = | -7 + -7 = | -2+6=     | -7 + -8 = | -3 + -7 = | -9+6=                               | -9+4 =    |
| -2 + -2 = | 7 + -6 =  | -8+5=     | 8 + -7 =  | -5 + 6 =  | -6 + -5 =                           | -5 + 4 =  |
| -3 + -6 = | 8 + -2 =  | 7 + -4 =  | 9 + -3 =  | -9+2=     | 5 + -3 =                            | 8 + -1 =  |
| -4 + 9 =  | -7 + 3 =  | -4+ -5 =  | -9 + -5 = | -3 + 3 =  | -2 + -8 =                           | -4 + 2 =  |
| -9 + -4 = | -7 + -2 = | -9+1=     | 4 + -9 =  | 3 + -8 =  | -3 + -5 =                           | -9+9=     |
| 6 + -3 =  | -2 + 7 =  | -9 + -7 = | -4 + -6 = | -5 + 8 =  | -8+6=                               | -8 + 9 =  |



| Name      |           |           | Date      |           | Integers: Addition<br>Fluency B<br>(70 items) |           |
|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------|-----------|
|           |           |           |           |           |                                               |           |
| -3 + -6 = | 8 + -2 =  | 7 + -4 =  | 9 + -3 =  | -9 + 2 =  | 5 + -3 =                                      | 8 + -1 =  |
| -4 + 9 =  | -7 + 3 =  | -4 + -5 = | -9 + -5 = | -3 + 3 =  | -2 + -8 =                                     | -4 + 2 =  |
| -7 + -1 = | -7 + -7 = | -2 + 6 =  | -7 + -8 = | -3 + -7 = | -9+6 =                                        | -9 + 4 =  |
| -2 + -2   | 7 + -6 =  | -8 + 5 =  | 8 + -7 =  | -5+6=     | -6 + -5 =                                     | -5 + 4 =  |
| -9 + -4 = | -7 + -2 = | -9+1=     | 4 + -9 =  | 3 + -8 =  | -3 + -5 =                                     | -9 + 9 =  |
| 6 + -3 =  | -2 + 7 =  | -9 + -7 = | -4 + -6 = | -5 + 8 =  | -8+6 =                                        | -8+9=     |
| -5 + -5 = | -8 + -4 = | -9+8=     | -6 + -4 = | -4 + -3 = | 3 + -4 =                                      | -2 + -3 = |
| -6 + -2 = | -7 + 5 =  | -8 + -3 = | -5 + 7 =  | -5 + 7 =  | -2 + -5 =                                     | 0 + 6 =   |
| 5 + -9 =  | 7 + -9 =  | 6 + -1 =  | -4 + -8 = | -2 + 4 =  | -8 + -9 =                                     | 4 + -4 =  |
| -6+8=     | -7 + 5 =  | -6 + -6 = | 4 + -7 =  | -3 + 2 =  | 6 + -7 =                                      | 8 + -4 =  |



| Name      |           |           | Date      |           | Integers: Addition<br>Fluency C<br>(70 items) |           |
|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------|-----------|
|           |           |           |           |           |                                               |           |
| -3 + 9 =  | 8 + -1 =  | 7 + -4 =  | -6 + -3 = | -9 + 2 =  | 5 + -3 =                                      | 8 + -2 =  |
| -4 + 9 =  | -7 + 3 =  | -4 + -5 = | -9 + -5 = | -3 + 3 =  | -2 + -8 =                                     | -4 + 2 =  |
| -9 + -4 = | -7 + -2 = | -9 + 1 =  | 4 + -9 =  | 3 + -8 =  | -3 + -5 =                                     | -9+9=     |
| 6 + -3 =  | -2 + 7 =  | -9 + -7 = | -4 + -6 = | -5 + 8 =  | -8+6=                                         | -8 + 9 =  |
| -6+8=     | -7 + 5 =  | -6+-6=    | 4 + -7 =  | -3 + 2 =  | 6 + -7 =                                      | 8 + -4 =  |
| -6 + -2 = | -9 + 5 =  | -8 + -3 = | -5 + 7 =  | -5 + 7 =  | -2 + -5 =                                     | 0 + 6 =   |
| 5 + -9 =  | 7 + -9 =  | 6 + -1 =  | -4 + -8 = | -2 + 4 =  | -8 + -9 =                                     | 4 + -4 =  |
| -2 + -3 = | -8 + -4 = | -9+8=     | -6 + -4 = | -4 + -3 = | 3 + -4 =                                      | -5 + -5 = |
| -7 + -1 = | -7 + -7 = | -2+6=     | -7 + -8 = | -3 + -7 = | -9+6=                                         | -9+4 =    |
| -2 + -2 = | 7 + -6 =  | -8 + 5 =  | 8 + -7 =  | -5+6=     | -6 + -5 =                                     | -5 + 4 =  |



| Name      |           |           | Date      | 9         | Integers: Addition<br>Fluency D<br>(70 items) |           |
|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------|-----------|
| -2 + -9 = | -7 + 5 =  | -8 + -3 = | -5 + 7 =  | -6 + -2 = | -2 + -5 =                                     | 0 - 6 =   |
| 4 + -4 =  | 7 + -9 =  | 6 + -1 =  | -4 + -8 = | -2 + 4 =  | -8 + -9 =                                     | 5 + -9 =  |
| -3 + -5 = | -7 + -2 = | -9+1=     | 4 + -9 =  | 3 + -8 =  | -9 + -4 =                                     | -9 + 9 =  |
| 6 + -3 =  | -2 + 7 =  | -9 + -7 = | -4 + -6 = | -5 + 8 =  | -8+6=                                         | -8 + 9 =  |
| -6+8=     | -7 + 5 =  | -6+-6=    | 4 + -7 =  | -3 + 2 =  | 6 + -7 =                                      | 8 + -4 =  |
| -6 + -5 = | 7 + -6 =  | -8 + 5 =  | 8 + -7 =  | -5 + 6 =  | -2 + -2 =                                     | -5 + 4 =  |
| 4 – 9 =   | -7 + 3 =  | -4 + -5 = | -9 + -5 = | -3 + 3 =  | -2 + -8 =                                     | -4 + 2 =  |
| -3 + -7 = | -7 + -7 = | -2+6=     | -7 + -8 = | -7 + -1 = | -9+6=                                         | -9 + 4 =  |
| -3 + -6 = | 8 + -2 =  | 7 + -4 =  | 9 + -3 =  | -9 + 2 =  | 5 + -3 =                                      | 8 + -1 =  |
| -8 + -8 = | -8 + -4 = | -9 + 8 =  | -6 + -4 = | -4 + -3 = | 3 + -4 =                                      | -2 + -3 = |



| Name      |           |           | Date      | 9         | Integers: Ad<br>Fluency<br>(70 item | Α         |
|-----------|-----------|-----------|-----------|-----------|-------------------------------------|-----------|
| -6+8=     | -7 + 5 =  | -6+-6=    | 4 + -7 =  | -3 + 2 =  | 6 + -7 =                            | 8 + -4 =  |
| -5 + -5 = | -5 + -4 = | -9+8=     | -6 + -4 = | -4 + -3 = | 3 + -4 =                            | -2 + -3 = |
| -6 + -2 = | -7 + 5 =  | -8 + -3 = | -5 + 7 =  | -2 + -9 = | -2 + -5 =                           | 0 + 6 =   |
| 5 + -9 =  | 7 + -9 =  | -6+1=     | -4 + -8 = | -2 + 4 =  | -8 + -9 =                           | 4 + -4 =  |
| -7 + -1 = | -7 + -7 = | -2+6=     | -7 + -8 = | -3 + -7 = | -9+6=                               | -9+4 =    |
| -2 + -2 = | 7 + -6 =  | -8+5=     | 8 + -7 =  | -5 + 6 =  | -6 + -5 =                           | -5 + 4 =  |
| -3 + -6 = | 8 + -2 =  | 7 + -4 =  | 9 + -3 =  | -9+2=     | 5 + -3 =                            | 8 + -1 =  |
| -4 + 9 =  | -7 + 3 =  | -4+ -5 =  | -9 + -5 = | -3 + 3 =  | -2 + -8 =                           | -4 + 2 =  |
| -9 + -4 = | -7 + -2 = | -9+1=     | 4 + -9 =  | 3 + -8 =  | -3 + -5 =                           | -9+9=     |
| 6 + -3 =  | -2 + 7 =  | -9 + -7 = | -4 + -6 = | -5 + 8 =  | -8+6=                               | -8 + 9 =  |

