

7th Grade Math CCSS

Exit Slips Expressions & Equations

Exit Slip Name: _____ Date: _____
Evaluate the expression for the given value.
 $-4(2x + 1) + 3x$ for $x = 3$
7.EE.1

Exit Slip Name: _____ Date: _____
Evaluate the expression for the given value.
 $-4(2x + 1) + 3x$ for $x = 3$
7.EE.1

Exit Slip Name: _____ Date: _____
Karl is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Karl should collect given any amount of service.
7.EE.2

Exit Slip Name: _____ Date: _____
Karl is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Karl should collect given any amount of service.
7.EE.2

Exit Slip Name: _____ Date: _____
Louis bought a laptop for \$720. It was marked \$90 off because it was an opened product. He also got a 15% discount, which was taken off the original price. What was the original price of the laptop? Write and solve an equation to answer the question.
7.EE.4

Exit Slip Name: _____ Date: _____
Louis bought a laptop for \$720. It was marked \$90 off because it was an opened product. He also got a 15% discount, which was taken off the original price. What was the original price of the laptop? Write and solve an equation to answer the question.
7.EE.4

Exit Slip Name: _____ Date: _____
Match the answers with the correct evaluated algebraic expressions:
1. $3x - 5$ for $x = -2$ A. 4
2. $\frac{7}{4} + 2$ for $y = 8$ B. 2
3. $-2m + 5$ for $m = \frac{3}{2}$ C. -11
7.EE.3

Exit Slip Name: _____ Date: _____
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7.EE.3

7.EE.1

7.EE.2

7.EE.3

7.EE.4



By: Math in the Midwest

Exit Slip

Name: _____ Date: _____

Match each term to the correct example:

- | | |
|------------------------|---------------------------|
| _____ 1. Coefficient | a. $2(x + 4) = 2x + 8$ |
| _____ 2. Factor | b. the 3 in $3(y) + 3(4)$ |
| _____ 3. Common Factor | c. the 8 in $8x + 5$ |

7.EE.1

Exit Slip

Name: _____ Date: _____

Match each term to the correct example:

- | | |
|------------------------|---------------------------|
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| _____ 3. Common Factor | c. the 8 in $8x + 5$ |

7.EE.1

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7.EE.1

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7.EE.1

Exit Slip

Name: _____ Date: _____
The _____ Property states that
if a , b , and c are any real numbers, then
 $a(b + c) =$ _____

7.EE.1

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The _____ Property states that
if a , b , and c are any real numbers, then
 $a(b + c) =$ _____

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

A. $2(x + 4)$

B. $-3(a - 5)$

7.EE.1

Exit Slip

Name: _____ Date: _____

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B. $-3(a - 5)$

7.EE.1

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7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

A. $2(x + 4)$

B. $-3(a - 5)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

a. $\frac{25x+10}{5}$

b. $5x(3y + 2)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

a. $\frac{25x+10}{5}$

b. $5x(3y + 2)$

7.EE.1

Exit Slip

Name: _____ Date: _____

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a. $\frac{25x+10}{5}$

b. $5x(3y + 2)$

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain why the following answers are incorrect:

$$a. -6(7 + x) = 42 + 6x$$

$$b. -5(x - 3) = -5x - 15$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain why the following answers are incorrect:

$$a. -6(7 + x) = 42 + 6x$$

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7.EE.1

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7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$-4(2x + 1) + 3x \text{ for } x = 3$$

7.EE.1

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Name: _____ Date: _____
Evaluate the expression for the given value.

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Evaluate the expression for the given value.

$$-4(2x + 1) + 3x \text{ for } x = 3$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

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Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

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Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

7.EE.1

Exit Slip

Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$

B. $8y - 28$

7.EE.1

Exit Slip

Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$

B. $8y - 28$

7.EE.1

Exit Slip

Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$

B. $8y - 28$

7.EE.1

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Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$

B. $8y - 28$

7.EE.1

Exit Slip

Name: _____ Date: _____

Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

B. $2(y - 4) + 5(4x - 1)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

B. $2(y - 4) + 5(4x - 1)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

B. $2(y - 4) + 5(4x - 1)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

B. $2(y - 4) + 5(4x - 1)$

7.EE.1

Exit Slip

Name: _____ Date: _____
Determine which student is correct and then explain the mistake that was made with the student who simplified incorrectly.

Student A: $3(4x - 5) - 2x = 14x - 15$

Student B: $3(4x - 5) - 2x = 10x - 15$

7.EE.1

Exit Slip

Name: _____ Date: _____
Determine which student is correct and then explain the mistake that was made with the student who simplified incorrectly.

Student A: $3(4x - 5) - 2x = 14x - 15$

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7.EE.1

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7.EE.1

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Student A: $3(4x - 5) - 2x = 14x - 15$

Student B: $3(4x - 5) - 2x = 10x - 15$

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

7.EE.2

Exit Slip

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Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
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7.EE.2

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

7.EE.2

Exit Slip

Name: _____ Date: _____
Write an expression to represent the price of gasoline, g ,
minus $\frac{3}{8}$ of the original price. Then combine like terms to
simplify the expression.

7.EE.2

Exit Slip

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Write an expression to represent the price of gasoline, g ,
minus $\frac{3}{8}$ of the original price. Then combine like terms to
simplify the expression.

7.EE.2

Exit Slip

Name: _____ Date: _____
Correct the following mistakes that a student made:

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

$$h + 0.08h = 0.08h$$

7.EE.2

Exit Slip

Name: _____ Date: _____
Correct the following mistakes that a student made:

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

$$h + 0.08h = 0.08h$$

7.EE.2

Exit Slip

Name: _____ Date: _____
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$$g - \frac{2}{7} = \frac{2}{7}g$$

$$h + 0.08h = 0.08h$$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

A new pair of shoes is 40% off. What expression
represents the total cost?

7.EE.2

Exit Slip

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A new pair of shoes is 40% off. What expression
represents the total cost?

7.EE.2

Exit Slip

Name: _____ Date: _____

Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

7.EE.2

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Name: _____ Date: _____

Write and simplify an algebraic expression to represent each situation.

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Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

7.EE.2

Exit Slip

Name: _____ Date: _____

Write and simplify an algebraic expression to represent each situation.

A new vehicle is advertised as 12% off. What expression represents the total cost after the discount?

7.EE.2

Exit Slip

Name: _____ Date: _____

Write and simplify an algebraic expression to represent each situation.

A new vehicle is advertised as 12% off. What expression represents the total cost after the discount?

7.EE.2

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Write and simplify an algebraic expression to represent each situation.

A new vehicle is advertised as 12% off. What expression represents the total cost after the discount?

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Write and simplify an algebraic expression to represent each situation.

A new vehicle is advertised as 12% off. What expression represents the total cost after the discount?

7.EE.2

Exit Slip

Name: _____ Date: _____
Kari is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Kari should collect given any amount of service.

7.EE.2

Exit Slip

Name: _____ Date: _____
Kari is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Kari should collect given any amount of service.

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Kari is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Kari should collect given any amount of service.

7.EE.2

Exit Slip

Name: _____ Date: _____

Complete each statement to generate equivalent expressions:

1. $12 + 6x = \underline{\hspace{1cm}} (4 + \underline{\hspace{1cm}})$

2. $4x - 20 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} - 5)$

7.EE.2

Exit Slip

Name: _____ Date: _____

Complete each statement to generate equivalent expressions:

1. $12 + 6x = \underline{\hspace{1cm}} (4 + \underline{\hspace{1cm}})$

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2. $4x - 20 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} - 5)$

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- | | |
|---|-------------------|
| _____ 1. A 15% tip is given for a meal. | A. $\frac{2}{5}x$ |
| _____ 2. Flowers are advertised as 60% off. | B. $1.15x$ |
| _____ 3. A new motorcycle is 32% off. | C. $1.14x$ |
| _____ 4. A 14% tip is given for a meal. | D. $0.68x$ |

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- | | |
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| _____ 1. A 15% tip is given for a meal. | A. $\frac{2}{5}x$ |
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| _____ 4. A 14% tip is given for a meal. | D. $0.68x$ |

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- | | |
|---|------------|
| _____ 1. A 23% tip is given to a pizza driver | A. $.93x$ |
| _____ 2. Jewelry is $\frac{3}{4}$ off | B. $1.23x$ |
| _____ 3. A toy is marked up 5% | C. $0.25x$ |
| _____ 4. A house is discounted 7% | D. $1.05x$ |

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- | | |
|---|------------|
| _____ 1. A 23% tip is given to a pizza driver | A. $.93x$ |
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| _____ 3. A toy is marked up 5% | C. $0.25x$ |
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7.EE.2

Exit Slip

Name: _____ Date: _____
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| _____ 3. A toy is marked up 5% | C. $0.25x$ |
| _____ 4. A house is discounted 7% | D. $1.05x$ |

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: _____

How much money is Donna making an hour after her raise: _____

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: _____

How much money is Donna making an hour after her raise: _____

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

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Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: _____

How much money is Donna making an hour after her raise: _____

7.EE.3

Exit Slip

Name: _____ Date: _____

Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: _____

How much money is Alex making an hour after his decrease in pay: _____

7.EE.3

Exit Slip

Name: _____ Date: _____

Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: _____

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7.EE.3

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How much did Alex's pay go down per hour: _____

How much money is Alex making an hour after his decrease in pay: _____

7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$$12 - 3p \text{ for } p = -2, 3, 6$$

7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$$12 - 3p \text{ for } p = -2, 3, 6$$

7.EE.3

Exit Slip

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7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$$12 - 3p \text{ for } p = -2, 3, 6$$

7.EE.3

Exit Slip

Name: _____ Date: _____

Match the answers with the correct evaluated
algebraic expressions:

_____ 1. $3x - 5$ for $x = -2$

A. 4

_____ 2. $\frac{y}{4} + 2$ for $y = 8$

B. 2

_____ 3. $-2m + 5$ for $m = \frac{3}{2}$

C. -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Match the answers with the correct evaluated
algebraic expressions:

_____ 1. $3x - 5$ for $x = -2$

A. 4

_____ 2. $\frac{y}{4} + 2$ for $y = 8$

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_____ 3. $-2m + 5$ for $m = \frac{3}{2}$

C. -11

7.EE.3

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Match the answers with the correct evaluated
algebraic expressions:

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A. 4

_____ 2. $\frac{y}{4} + 2$ for $y = 8$

B. 2

_____ 3. $-2m + 5$ for $m = \frac{3}{2}$

C. -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Match the answers with the correct evaluated
algebraic expressions:

_____ 1. $3x - 5$ for $x = -2$

A. 4

_____ 2. $\frac{y}{4} + 2$ for $y = 8$

B. 2

_____ 3. $-2m + 5$ for $m = \frac{3}{2}$

C. -11

7.EE.3

Exit Slip

Name: _____ Date: _____
Determine if the following is true or false. If it is
false right down the correct answer.

_____ 1. $2(x - 4)$ for $x = 3$ Answer: -2

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11

7.EE.3

Exit Slip

Name: _____ Date: _____
Determine if the following is true or false. If it is
false right down the correct answer.

_____ 1. $2(x - 4)$ for $x = 3$ Answer: -2

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11

7.EE.3

Exit Slip

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7.EE.3

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_____ 3. $-3m - 5$ for $m = -3$ Answer: -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$$-3k - 5 \text{ for } k = -4, 0, 2$$

7.EE.3

Exit Slip

Name: _____ Date: _____

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$$-3k - 5 \text{ for } k = -4, 0, 2$$

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7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$$-3k - 5 \text{ for } k = -4, 0, 2$$

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	
0	
2	
4	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	
0	
2	
4	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	
0	
2	
4	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	
0	
2	
4	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	
0	
3	
6	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	
0	
3	
6	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	
0	
3	
6	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	
0	
3	
6	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	
0	
8	
16	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	
0	
8	
16	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	
0	
8	
16	

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	
0	
8	
16	

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain the difference between an equation and
an expression. Give an example of both.

7.EE.4

Exit Slip

Name: _____ Date: _____
Explain the difference between an equation and
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7.EE.4

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Exit Slip

Name: _____ Date: _____
Explain the difference between an equation and
an expression. Give an example of both.

7.EE.4

Exit Slip

Name: _____ Date: _____
Employees at the accounting firm earn a base salary of \$45,000 plus a 8% commission on every client they sign.
Write an equation to represent the total earnings of an employee. Define your variable(s).

7.EE.4

Exit Slip

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Write an equation to represent the total earnings of an employee. Define your variable(s).

7.EE.4

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7.EE.4

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Write an equation to represent the total earnings of an employee. Define your variable(s).

7.EE.4

Exit Slip

Name: _____ Date: _____
What is a number that when you multiply by 4 and add
4.3 to the product you get 7.9

7.EE.4

Exit Slip

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4.3 to the product you get 7.9

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Exit Slip

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7.EE.4

Exit Slip

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4.3 to the product you get 7.9

7.EE.4

Exit Slip

Name: _____ Date: _____
Louis bought a laptop for \$720. It was marked \$90 off because it was an opened product. He also got a 15% discount, which was taken off the original price. What was the original price of the laptop? Write and solve an equation to answer the question.

7.EE.4

Exit Slip

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7.EE.4

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7.EE.4

Exit Slip

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7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

B. $4x \leq -36$

C. $2x + 4 \leq 17$

D. $-3x - 3 \geq 26$

7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

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A. $x + 12 \geq 18$

B. $4x \leq -36$

C. $2x + 4 \leq 17$

D. $-3x - 3 \geq 26$

7.EE.4

Exit Slip

Name: _____ Date: _____
Identify the independent and dependent quantities:

Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

7.EE.4

Exit Slip

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Olivia's cat sleeps 12 hours at night and then takes several
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Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

7.EE.4

Exit Slip

Name: _____ Date: _____

Brendon is practicing shooting free throws with his friends. He rotates shooting with his friends after 10 shoots each. He has to make 150 free throws before he can leave. How many rotations must Brendon take if a he misses a total of 8 free throws?

7.EE.4

Exit Slip

Name: _____ Date: _____

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7.EE.4

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7.EE.4

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7.EE.4

Exit Slip

Name: _____ Date: _____
The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

7.EE.4

Exit Slip

Name: _____ Date: _____
The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

7.EE.4

Exit Slip

Name: _____ Date: _____
The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

7.EE.4

Exit Slip

Name: _____ Date: _____
The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

7.EE.4

Exit Slip

Name: _____ Date: _____
Your cable bill in June was exactly \$75. The regular fee for cable is \$60, but you rented 3 movies that each cost the same amount to rent. How much did each movie cost to rent?

7.EE.4

Exit Slip

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Your cable bill in June was exactly \$75. The regular fee for cable is \$60, but you rented 3 movies that each cost the same amount to rent. How much did each movie cost to rent?

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7.EE.4

Exit Slip

Name: _____ Date: _____
Tiffany is planning her workout at the gym. She wants to spend more than 50 minutes working out. Her workout plan includes 20 minutes of lifting weights and the rest of the time on 5 different cardio machines. If Tiffany spends the same amount of time on each cardio machine, how much time would that be?

7.EE.4

Exit Slip

Name: _____ Date: _____
Tiffany is planning her workout at the gym. She wants to spend more than 50 minutes working out. Her workout plan includes 20 minutes of lifting weights and the rest of the time on 5 different cardio machines. If Tiffany spends the same amount of time on each cardio machine, how much time would that be?

7.EE.4

Exit Slip

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7.EE.4

Exit Slip

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Tiffany is planning her workout at the gym. She wants to spend more than 50 minutes working out. Her workout plan includes 20 minutes of lifting weights and the rest of the time on 5 different cardio machines. If Tiffany spends the same amount of time on each cardio machine, how much time would that be?

7.EE.4

Answer Keys

Exit Slip

Name: _____ Date: _____

Match each term to the correct example:

C 1. Coefficient a. $2(x + 4) = 2x + 8$

A 2. Factor b. the 3 in $3(y) + 3(4)$

B 3. Common Factor c. the 8 in $8x + 5$

7.EE.1

Exit Slip

Name: _____ Date: _____

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B 3. Common Factor c. the 8 in $8x + 5$

7.EE.1

Exit Slip

Name: _____ Date: _____

The Distributive Property states that
if a, b, and c are any real numbers, then
 $a(b + c) = \underline{ab + ac}$

7.EE.1

Exit Slip

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if a, b, and c are any real numbers, then
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The Distributive Property states that
if a, b, and c are any real numbers, then
 $a(b + c) = \underline{ab + ac}$

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

A. $2(x + 4)$ $2x + 8$

B. $-3(a - 5)$ $-3a + 15$

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

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A. $2(x + 4)$ $2x + 8$

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7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

a. $\frac{25x+10}{5}$ **$5x + 2$**

b. $5x(3y + 2)$ **$15xy + 10x$**

7.EE.1

Exit Slip

Name: _____ Date: _____

Use the Distributive Property to rewrite each expression in equivalent form:

a. $\frac{25x+10}{5}$ **$5x + 2$**

b. $5x(3y + 2)$ **$15xy + 10x$**

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a. $\frac{25x+10}{5}$ **$5x + 2$**

b. $5x(3y + 2)$ **$15xy + 10x$**

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain why the following answers are incorrect:

a. $-6(7 + x) = 42 + 6x$

A negative times a positive is a negative
the answer should be $-42 - 6x$

b. $-5(x - 3) = -5x - 15$

-5 times -3 is positive 15. The answer
should be $-5x + 15$

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain why the following answers are incorrect:

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b. $-5(x - 3) = -5x - 15$

-5 times -3 is positive 15. The answer
should be $-5x + 15$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$-4(2x + 1) + 3x \text{ for } x = 3$$

$$-8x - 4 + 3x$$

$$-5x - 4$$

$$-5(3) - 4$$

$$-15 - 4$$

$$-19$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$-4(2x + 1) + 3x \text{ for } x = 3$$

$$-8x - 4 + 3x$$

$$-5x - 4$$

$$-5(3) - 4$$

$$-15 - 4$$

$$-19$$

7.EE.1

Exit Slip

Name: _____ Date: _____
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$$-4(2x + 1) + 3x \text{ for } x = 3$$

$$-8x - 4 + 3x$$

$$-5x - 4$$

$$-5(3) - 4$$

$$-15 - 4$$

$$-19$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$-4(2x + 1) + 3x \text{ for } x = 3$$

$$-8x - 4 + 3x$$

$$-5x - 4$$

$$-5(3) - 4$$

$$-15 - 4$$

$$-19$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

$$\frac{4(3(\frac{4}{3}) + 2)}{6} = 4$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

$$\frac{4(3(\frac{4}{3}) + 2)}{6} = 4$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

$$\frac{4(3(\frac{4}{3}) + 2)}{6} = 4$$

7.EE.1

Exit Slip

Name: _____ Date: _____
Evaluate the expression for the given value.

$$\frac{4(3x + 2)}{6} \text{ for } x = \frac{4}{3}$$

$$\frac{4(3(\frac{4}{3}) + 2)}{6} = 4$$

7.EE.1

Exit Slip

Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$ $6(2x + 3)$

B. $8y - 28$ $4(2y - 7)$

7.EE.1

Exit Slip

Name: _____ Date: _____

Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$ $6(2x + 3)$

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Rewrite each expression by factoring out the
greatest common factor.

A. $12x + 18$ $6(2x + 3)$

B. $8y - 28$ $4(2y - 7)$

7.EE.1

Exit Slip

Name: _____ Date: _____
Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

$-1x + 13y - 12$

B. $2(y - 4) + 5(4x - 1)$

$2y - 8 + 20x - 5$

$2x + 2y - 13$

7.EE.1

Exit Slip

Name: _____ Date: _____
Simplify the following expression:

A. $2x + 5y - 3x + 8y - 12$

$-1x + 13y - 12$

B. $2(y - 4) + 5(4x - 1)$

$2y - 8 + 20x - 5$

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7.EE.1

Exit Slip

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Simplify the following expression:

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$-1x + 13y - 12$

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$2y - 8 + 20x - 5$

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7.EE.1

Exit Slip

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A. $2x + 5y - 3x + 8y - 12$

$-1x + 13y - 12$

B. $2(y - 4) + 5(4x - 1)$

$2y - 8 + 20x - 5$

$2x + 2y - 13$

7.EE.1

Exit Slip

Name: _____ Date: _____
Determine which student is correct and then explain the mistake that was made with the student who simplified incorrectly.

Student A: $3(4x - 5) - 2x = 14x - 15$

Student B: $3(4x - 5) - 2x = 10x - 15$

Student B is correct. Student A did not take $12x - 2x$ to get $10x$ instead Student A added

7.EE.1

Exit Slip

Name: _____ Date: _____
Determine which student is correct and then explain the mistake that was made with the student who simplified incorrectly.

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7.EE.1

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Student B is correct. Student A did not take $12x - 2x$ to get $10x$ instead Student A added

7.EE.1

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

**1.09t means that the price with tax is 1.09
times the original price.**

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

**1.09t means that the price with tax is 1.09
times the original price.**

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

**1.09t means that the price with tax is 1.09
times the original price.**

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain what the simplified expression $t + 0.09t = 1.09t$
means if it is showing that a TV costs \$350 and the sales
tax is 9%.

**1.09t means that the price with tax is 1.09
times the original price.**

7.EE.2

Exit Slip

Name: _____ Date: _____
Write an expression to represent the price of gasoline, g ,
minus $\frac{3}{8}$ of the original price. Then combine like terms to
simplify the expression.

$$g - \frac{3}{8} = \frac{5}{8}g$$

$\frac{5}{8}g$ means the discounted price is $\frac{5}{8}$ of the
original price.

7.EE.2

Exit Slip

Name: _____ Date: _____
Write an expression to represent the price of gasoline, g ,
minus $\frac{3}{8}$ of the original price. Then combine like terms to
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$$g - \frac{3}{8} = \frac{5}{8}g$$

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7.EE.2

Exit Slip

Name: _____ Date: _____
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$\frac{5}{8}g$ means the discounted price is $\frac{5}{8}$ of the
original price.

7.EE.2

Exit Slip

Name: _____ Date: _____
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minus $\frac{3}{8}$ of the original price. Then combine like terms to
simplify the expression.

$$g - \frac{3}{8} = \frac{5}{8}g$$

$\frac{5}{8}g$ means the discounted price is $\frac{5}{8}$ of the
original price.

7.EE.2

Exit Slip

Name: _____ Date: _____
Correct the following mistakes that a student made:

$$g - \frac{2}{7} = \frac{2}{7}g$$
$$\frac{5}{7}g$$

$$h + 0.08h = 0.08h$$
$$1.08h$$

7.EE.2

Exit Slip

Name: _____ Date: _____
Correct the following mistakes that a student made:

$$g - \frac{2}{7} = \frac{2}{7}g$$
$$\frac{5}{7}g$$

$$h + 0.08h = 0.08h$$
$$1.08h$$

7.EE.2

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$$\frac{5}{7}g$$

$$h + 0.08h = 0.08h$$
$$1.08h$$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

A new pair of shoes is 40% off. What expression
represents the total cost?

Let s = original cost of the shoes

Total Cost = $0.6s$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

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Total Cost = $0.6s$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

Let g = original cost of the video game
Total Cost = $0.5g$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

Let g = original cost of the video game
Total Cost = $0.5g$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

Let g = original cost of the video game
Total Cost = $0.5g$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent each situation.

A new video game is advertised as $\frac{1}{2}$ off. What expression represents the total cost after the discount?

Let g = original cost of the video game
Total Cost = $0.5g$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

A new vehicle is advertised as 12% off. What expression
represents the total cost after the discount?

Let v = original cost of the vehicle
Total Cost = $0.88v$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

A new vehicle is advertised as 12% off. What expression
represents the total cost after the discount?

Let v = original cost of the vehicle
Total Cost = $0.88v$

7.EE.2

Exit Slip

Name: _____ Date: _____
Write and simplify an algebraic expression to represent
each situation.

A new vehicle is advertised as 12% off. What expression
represents the total cost after the discount?

Let v = original cost of the vehicle
Total Cost = $0.88v$

7.EE.2

Exit Slip

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each situation.

A new vehicle is advertised as 12% off. What expression
represents the total cost after the discount?

Let v = original cost of the vehicle
Total Cost = $0.88v$

7.EE.2

Exit Slip

Name: _____ Date: _____
Kari is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Kari should collect given any amount of service.

Let c = original cost of service
Total Cost = $1.12c$

7.EE.2

Exit Slip

Name: _____ Date: _____
Kari is starting a dog walking service and charges a 12% tip for each client. Write an algebraic expression that represents how much of a tip Kari should collect given any amount of service.

Let c = original cost of service
Total Cost = $1.12c$

7.EE.2

Exit Slip

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Total Cost = $1.12c$

7.EE.2

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Let c = original cost of service
Total Cost = $1.12c$

7.EE.2

Exit Slip

Name: _____ Date: _____

Complete each statement to generate equivalent expressions:

1. $12 + 6x = \underline{3} (4 + \underline{2x})$

2. $4x - 20 = \underline{4} (\underline{x} - 5)$

7.EE.2

Exit Slip

Name: _____ Date: _____

Complete each statement to generate equivalent expressions:

1. $12 + 6x = \underline{3} (4 + \underline{2x})$

2. $4x - 20 = \underline{4} (\underline{x} - 5)$

7.EE.2

Exit Slip

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2. $4x - 20 = \underline{4} (\underline{x} - 5)$

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- B 1. A 15% tip is given for a meal. $A. \frac{2}{5}x$
A 2. Flowers are advertised as 60% off. B. $1.15x$
D 3. A new motorcycle is 32% off. C. $1.14x$
C 4. A 14% tip is given for a meal. D. $0.68x$

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- B 1. A 15% tip is given for a meal. $A. \frac{2}{5}x$
A 2. Flowers are advertised as 60% off. B. $1.15x$
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Name: _____ Date: _____
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- B 1. A 15% tip is given for a meal. $A. \frac{2}{5}x$
A 2. Flowers are advertised as 60% off. B. $1.15x$
D 3. A new motorcycle is 32% off. C. $1.14x$
C 4. A 14% tip is given for a meal. D. $0.68x$

7.EE.2

Exit Slip

Name: _____ Date: _____
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D 3. A new motorcycle is 32% off. C. $1.14x$
C 4. A 14% tip is given for a meal. D. $0.68x$

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

- B 1. A 23% tip is given to a pizza driver A. $.93x$
C 2. Jewelry is $\frac{3}{4}$ off B. $1.23x$
D 3. A toy is marked up 5% C. $0.25x$
A 4. A house is discounted 7% D. $1.05x$

7.EE.2

Exit Slip

Name: _____ Date: _____
Match the following scenarios to the correct expressions:

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D 3. A toy is marked up 5% C. $0.25x$
A 4. A house is discounted 7% D. $1.05x$

7.EE.2

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

Answers will vary

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

Answers will vary

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

Answers will vary

7.EE.3

Exit Slip

Name: _____ Date: _____
Explain how tables are helpful when evaluating
expressions.

Answers will vary

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: \$0.48

How much money is Donna making an hour after her raise: \$12.48

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: \$0.48

How much money is Donna making an hour after her raise: \$12.48

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: \$0.48

How much money is Donna making an hour after her raise: \$12.48

7.EE.3

Exit Slip

Name: _____ Date: _____
Donna makes \$12 an hour and gets a 4% raise. Answer the following questions:

How much is her raise: \$0.48

How much money is Donna making an hour after her raise: \$12.48

7.EE.3

Exit Slip

Name: _____ Date: _____
Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: \$0.42

How much money is Alex making an hour after his decrease in pay: \$13.58

7.EE.3

Exit Slip

Name: _____ Date: _____
Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: \$0.42

How much money is Alex making an hour after his decrease in pay: \$13.58

7.EE.3

Exit Slip

Name: _____ Date: _____
Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: \$0.42

How much money is Alex making an hour after his decrease in pay: \$13.58

7.EE.3

Exit Slip

Name: _____ Date: _____
Alex was put on an improvement plan at work and they lowered his pay by 3% an hour. Before his decrease in pay he was making \$14 an hour. Answer the following questions:

How much did Alex's pay go down per hour: \$0.42

How much money is Alex making an hour after his decrease in pay: \$13.58

7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$12 - 3p$ for $p = -2, 3, 6$

-2; 18

3; 3

6; -6

7.EE.3

Exit Slip

Name: _____ Date: _____

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-2; 18

3; 3

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7.EE.3

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-2; 18

3; 3

6; -6

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Exit Slip

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Evaluate the algebraic expression:

$12 - 3p$ for $p = -2, 3, 6$

-2; 18

3; 3

6; -6

7.EE.3

Exit Slip

Name: _____ Date: _____

Match the answers with the correct evaluated
algebraic expressions:

 C 1. $3x - 5$ for $x = -2$ A. 4

 A 2. $\frac{y}{4} + 2$ for $y = 8$ B. 2

 B 3. $-2m + 5$ for $m = \frac{3}{2}$ C. -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Match the answers with the correct evaluated
algebraic expressions:

 C 1. $3x - 5$ for $x = -2$ A. 4

 A 2. $\frac{y}{4} + 2$ for $y = 8$ B. 2

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 B 3. $-2m + 5$ for $m = \frac{3}{2}$ C. -11

7.EE.3

Exit Slip

Name: _____ Date: _____
Determine if the following is true or false. If it is false right down the correct answer.

A

_____ 1. $2(x - 4)$ for $x = 3$ Answer: -2

C

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

B

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11
7.EE.3

Exit Slip

Name: _____ Date: _____
Determine if the following is true or false. If it is false right down the correct answer.

A

_____ 1. $2(x - 4)$ for $x = 3$ Answer: -2

C

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

B

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11
7.EE.3

Exit Slip

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A

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C

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

B

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11
7.EE.3

Exit Slip

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Determine if the following is true or false. If it is false right down the correct answer.

A

_____ 1. $2(x - 4)$ for $x = 3$ Answer: -2

C

_____ 2. $6y + 1$ for $y = -2$ Answer: 4

B

_____ 3. $-3m - 5$ for $m = -3$ Answer: -11
7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$-3k - 5$ for $k = -4, 0, 2$

-4; 7

0; -5

2; -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Evaluate the algebraic expression:

$-3k - 5$ for $k = -4, 0, 2$

-4; 7

0; -5

2; -11

7.EE.3

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7.EE.3

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$-3k - 5$ for $k = -4, 0, 2$

-4; 7

0; -5

2; -11

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	-8
0	-4
2	0
4	4

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

m	$2m - 4$
-2	-8
0	-4
2	0
4	4

7.EE.3

Exit Slip

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m	$2m - 4$
-2	-8
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2	0
4	4

7.EE.3

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m	$2m - 4$
-2	-8
0	-4
2	0
4	4

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	1
0	2
3	3
6	4

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	1
0	2
3	3
6	4

7.EE.3

Exit Slip

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Y	$\frac{y}{3} + 2$
-3	1
0	2
3	3
6	4

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

Y	$\frac{y}{3} + 2$
-3	1
0	2
3	3
6	4

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	18
0	0
8	-36
16	-72

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

K	$\frac{k}{2} - 5k$
-4	18
0	0
8	-36
16	-72

7.EE.3

Exit Slip

Name: _____ Date: _____

Complete the following table:

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-4	18
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7.EE.3

Exit Slip

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Complete the following table:

K	$\frac{k}{2} - 5k$
-4	18
0	0
8	-36
16	-72

7.EE.3

Exit Slip

Name: _____ Date: _____

Explain the difference between an equation and an expression. Give an example of both.

Answers will vary

7.EE.4

Exit Slip

Name: _____ Date: _____

Explain the difference between an equation and an expression. Give an example of both.

Answers will vary

7.EE.4

Exit Slip

Name: _____ Date: _____

Explain the difference between an equation and an expression. Give an example of both.

Answers will vary

7.EE.4

Exit Slip

Name: _____ Date: _____

Explain the difference between an equation and an expression. Give an example of both.

Answers will vary

7.EE.4

Exit Slip

Name: _____ Date: _____
Employees at the accounting firm earn a base salary of \$45,000 plus a 8% commission on every client they sign.
Write an equation to represent the total earnings of an employee. Define your variable(s).

$$\begin{aligned}c &= \text{commission} \\t &= \text{total earnings} \\45,000 + 0.08c &= t\end{aligned}$$

7.EE.4

Exit Slip

Name: _____ Date: _____
Employees at the accounting firm earn a base salary of \$45,000 plus a 8% commission on every client they sign.
Write an equation to represent the total earnings of an employee. Define your variable(s).

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7.EE.4

Exit Slip

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7.EE.4

Exit Slip

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$$\begin{aligned}c &= \text{commission} \\t &= \text{total earnings} \\45,000 + 0.08c &= t\end{aligned}$$

7.EE.4

Exit Slip

Name: _____ Date: _____
What is a number that when you multiply by 4 and add
4.3 to the product you get 7.9

$$4n + 4.3 = 7.9$$

$$n = 0.9$$

7.EE.4

Exit Slip

Name: _____ Date: _____
What is a number that when you multiply by 4 and add
4.3 to the product you get 7.9

$$4n + 4.3 = 7.9$$

$$n = 0.9$$

7.EE.4

Exit Slip

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7.EE.4

Exit Slip

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$$4n + 4.3 = 7.9$$

$$n = 0.9$$

7.EE.4

Exit Slip

Name: _____ Date: _____
Louis bought a laptop for \$720. It was marked \$90 off because it was an opened product. He also got a 15% discount, which was taken off the original price. What was the original price of the laptop? Write and solve an equation to answer the question.

$$720 = p - 90 - 0.15p$$

$p = \text{original price of laptop}$
 $p = 952.94$

7.EE.4

Exit Slip

Name: _____ Date: _____
Louis bought a laptop for \$720. It was marked \$90 off because it was an opened product. He also got a 15% discount, which was taken off the original price. What was the original price of the laptop? Write and solve an equation to answer the question.

$$720 = p - 90 - 0.15p$$

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7.EE.4

Exit Slip

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7.EE.4

Exit Slip

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$$720 = p - 90 - 0.15p$$

$p = \text{original price of laptop}$
 $p = 952.94$

7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

$x \geq 6$

B. $4x \leq -36$

$x \leq -9$

C. $2x + 4 \leq 17$

$x \leq 6.5$

D. $-3x - 3 \geq 26$

$x \leq -9\frac{2}{3}$

7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

$x \geq 6$

B. $4x \leq -36$

$x \leq -9$

C. $2x + 4 \leq 17$

$x \leq 6.5$

D. $-3x - 3 \geq 26$

$x \leq -9\frac{2}{3}$

7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

$x \geq 6$

B. $4x \leq -36$

$x \leq -9$

C. $2x + 4 \leq 17$

$x \leq 6.5$

D. $-3x - 3 \geq 26$

$x \leq -9\frac{2}{3}$

7.EE.4

Exit Slip

Name: _____ Date: _____

Solve each inequality:

A. $x + 12 \geq 18$

$x \geq 6$

B. $4x \leq -36$

$x \leq -9$

C. $2x + 4 \leq 17$

$x \leq 6.5$

D. $-3x - 3 \geq 26$

$x \leq -9\frac{2}{3}$

7.EE.4

Exit Slip

Name: _____ Date: _____
Identify the independent and dependent quantities:

Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

Independent: Number of naps
Dependent: hours spent sleeping

7.EE.4

Exit Slip

Name: _____ Date: _____
Identify the independent and dependent quantities:

Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

Independent: Number of naps
Dependent: hours spent sleeping

7.EE.4

Exit Slip

Name: _____ Date: _____
Identify the independent and dependent quantities:

Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

Independent: Number of naps
Dependent: hours spent sleeping

7.EE.4

Exit Slip

Name: _____ Date: _____
Identify the independent and dependent quantities:

Olivia's cat sleeps 12 hours at night and then takes several
1-hour naps during the day.

Independent: Number of naps
Dependent: hours spent sleeping

7.EE.4

Exit Slip

Name: _____ Date: _____

Brendon is practicing shooting free throws with his friends. He rotates shooting with his friends after 10 shoots each. He has to make 150 free throws before he can leave. How many rotations must Brendon take if a he misses a total of 8 free throws?

$$10s - 8 = 150$$

Brendon must make 16 rotations

7.EE.4

Exit Slip

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Name: _____ Date: _____
The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

$$6p + 4 = 40$$

6 pizzas

7.EE.4

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The Pizza Palace sells medium pizzas for \$6 each. In addition, they charge a \$4 delivery free. How many pizzas can Charlie purchase if he plans to spend \$40.

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Name: _____ Date: _____
Your cable bill in June was exactly \$75. The regular fee for cable is \$60, but you rented 3 movies that each cost the same amount to rent. How much did each movie cost to rent?

Each movie cost \$5

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Name: _____ Date: _____
Tiffany is planning her workout at the gym. She wants to spend more than 50 minutes working out. Her workout plan includes 20 minutes of lifting weights and the rest of the time on 5 different cardio machines. If Tiffany spends the same amount of time on each cardio machine, how much time would that be?

At least 6 minutes on each machine

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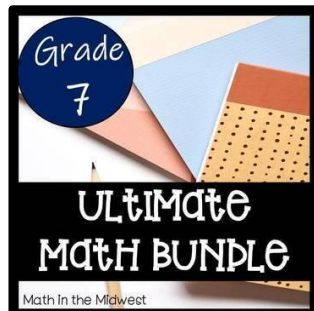
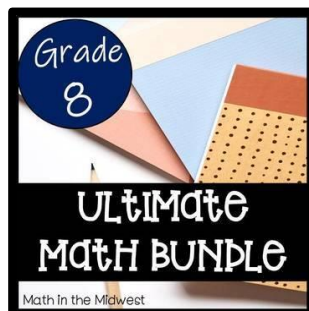
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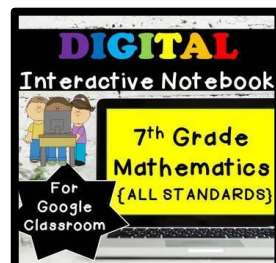
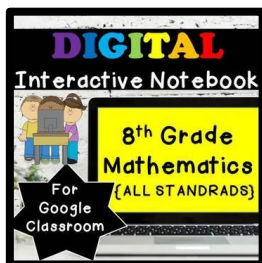
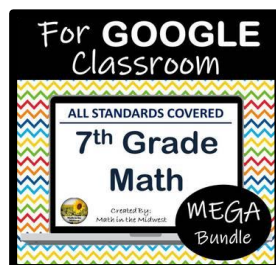
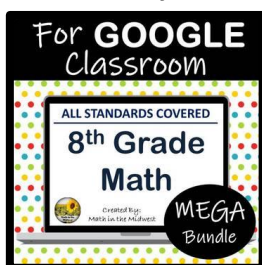
7.EE.4

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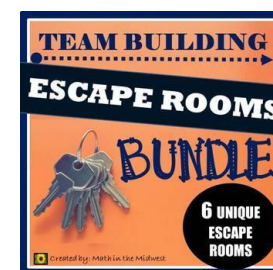
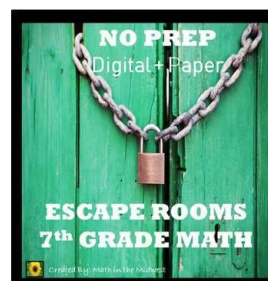


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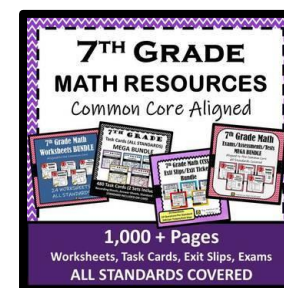
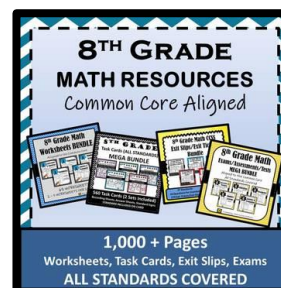


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