Number System Task Cards 7.EE.1

20 Task Cards, Recording Sheet, Answer Sheet

7.EE.1

Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

13 What expression do you get when you triple
$$\frac{3}{4}x - \frac{5}{6}?$$
7.EE.1

14 What expression do you get when you double
$$\frac{7}{8}y + \frac{2}{3}?$$
7.EE.1

Simplify the following expression:
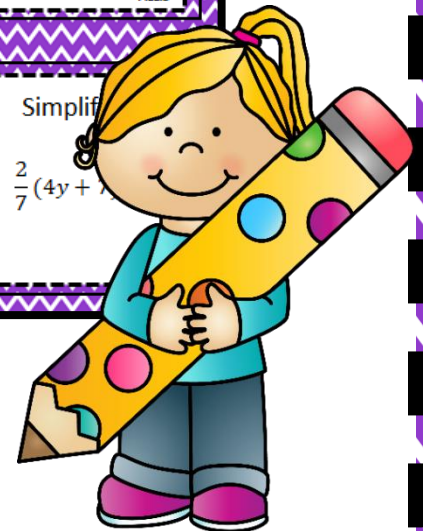$$+ 7y - x + 4y + 3x$$
7.EE.1

6 Simplify the following expression:
$$m + m + m + m + m$$
7.EE.1

16 Simplif
$$\frac{2}{7}(4y +$$

Simplify the following expression:
$$2(x - 3) + 4x - 5$$
7.EE.1

8 Simplify the following expression:
$$3(x + 1) + 4(x - 5)$$
7.EE.1

Created by:
Math in the Midwest

7.EE.1

Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

1

What simplified expression do you get when you add 3.2x – 1.4 to itself?

7.EE.1

2

What expression do you get in the following scenario: 4.5 plus x, multiplied by 3 and then subtract 4.7

7.EE.1

3

Use the distributive property to rewrite the following expression: 4(2x + 1)

7.EE.1

4

Use the distributive property to rewrite the following expression: 3(6y - 4)

7.EE.1

5

Simplify the following expression:

$2x + 7y - x + 4y + 3x$

7.EE.1

6

Simplify the following expression:

$m + m + m + m + m$

7.EE.1

7

Simplify the following expression:

$2(x - 3) + 4x - 5$

7.EE.1

8

Simplify the following expression:

$3(x + 1) + 4(x - 5)$

7.EE.1

9

Rewrite the expression by factoring out the greatest common factor:

14x + 7

7.EE.1

10

Rewrite the expression by factoring out the greatest common factor:

8y - 12

7.EE.1

11

Rewrite the expression by factoring out the greatest common factor:

16b + 26

7.EE.1

12

Rewrite the expression by factoring out the greatest common factor:

9b + 12

7.EE.1

13 What expression do you get when you triple

$$\frac{3}{4}x - \frac{5}{6}?$$

7.EE.1

14 What expression do you get when you double

$$\frac{7}{8}y + \frac{2}{3}?$$

7.EE.1

15 Simplify

$$\frac{1}{5}(10x - 20)$$

7.EE.1

16 Simplify

$$\frac{2}{7}(4y + 7)$$

7.EE.1

17

True or False
The expression
2(4x + 8) − 5 is equal
to 8x + 3

7.EE.1

18

True or False
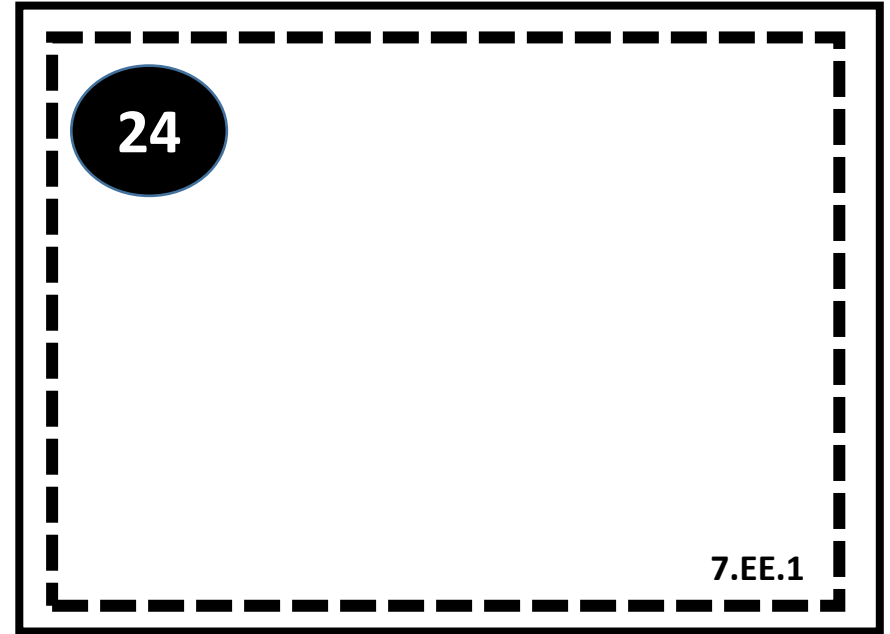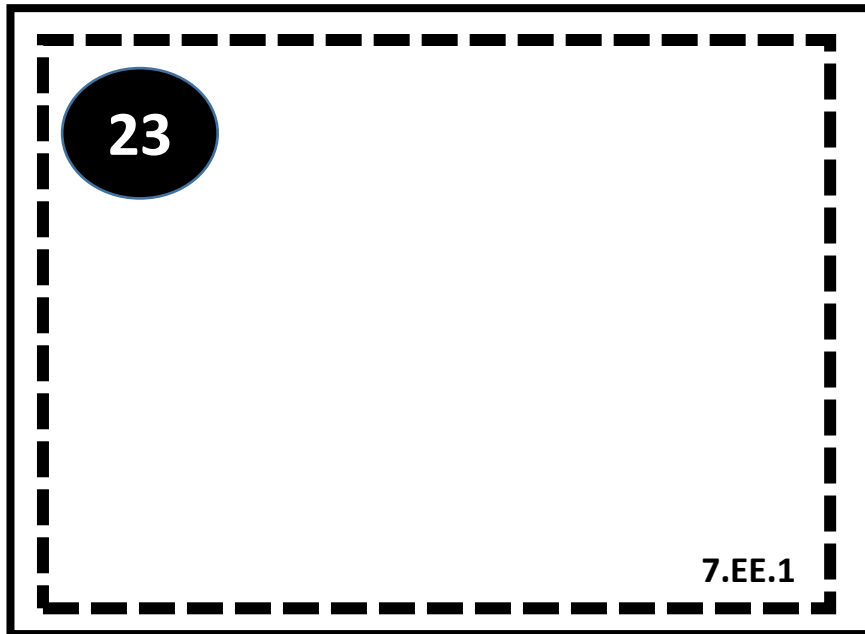The expression
4(3y + 2) + 5 is equal to
12y + 13

7.EE.1

19

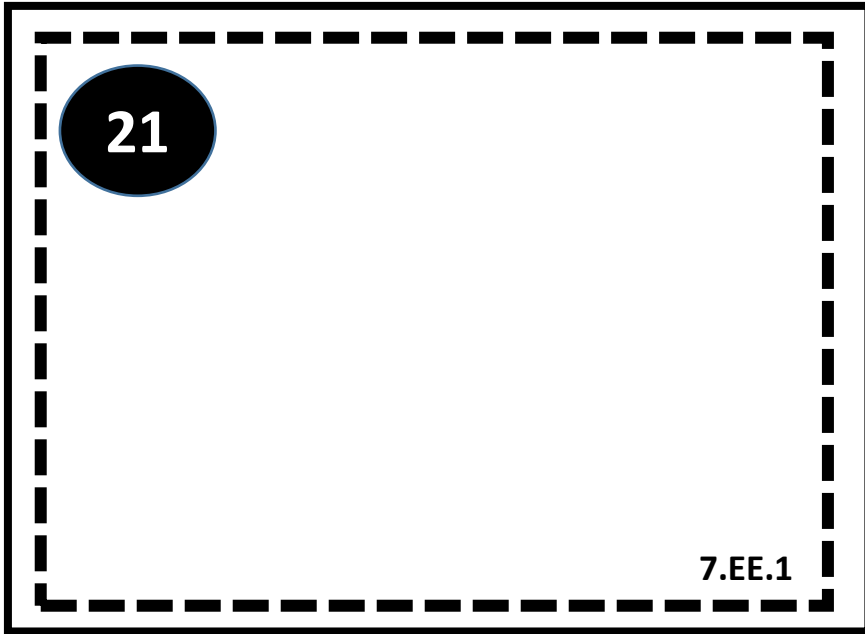True or False

5x, 5y and 5z
are like terms.

7.EE.1

20

The perimeter of a
regular pentagon is
10x + 15. What is
the length of each
side of the
pentagon?

7.EE.1

21

7.EE.1

22

7.EE.1

23

7.EE.1

24

7.EE.1

1 What simplified expression do you get when you add 3.2x – 1.4 to itself?

7.EE.1

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7.EE.1

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7.EE.1

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7.EE.1

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7.EE.1

6

Simplify the following expression:

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7.EE.1

7

Simplify the following expression:

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7.EE.1

8

Simplify the following expression:

$3(x + 1) + 4(x - 5)$

7.EE.1

9 Rewrite the expression by factoring out the greatest common factor:
14x + 7

7.EE.1

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7.EE.1

11 Rewrite the expression by factoring out the greatest common factor:
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7.EE.1

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$$\frac{1}{5}(10x - 20)$$

7.EE.1

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$$\frac{2}{7}(4y + 7)$$

7.EE.1

17

True or False
The expression
$2(4x + 8) - 5$ is equal to $8x + 3$

7.EE.1

18

True or False
The expression
$4(3y + 2) + 5$ is equal to $12y + 13$

7.EE.1

19

True or False

$5x$, $5y$ and $5z$ are like terms.

7.EE.1

20

The perimeter of a regular pentagon is $10x + 15$. What is the length of each side of the pentagon?

7.EE.1

21

7.EE.1

22

7.EE.1

23

7.EE.1

24

7.EE.1

7.EE.1 Recording Sheet

1.	2.	3.
4.	5.	6.
7.	8.	9.

10.	11.	12.
13.	14.	15.
16.	17.	18.
19.	20.	

Answer Key

Number	Answer
1	$4x - 2.8$
2	$3(x + 4.5) - 4.7$
3	$8x + 4$
4	$18y - 12$
5	$4x + 11y$
6	$5m$
7	$6x - 11$
8	$7x - 17$
9	$7(2x + 1)$
10	$4(2y - 3)$
11	$2(8b + 13)$
12	$3(3b + 4)$
13	$\dfrac{9}{4}x - \dfrac{15}{6}$
14	$\dfrac{7}{4}y + \dfrac{4}{3}$
15	$2x - 4$
16	$\dfrac{8}{7}y + 2$
17	False
18	True
19	False
20	$2x + 3$

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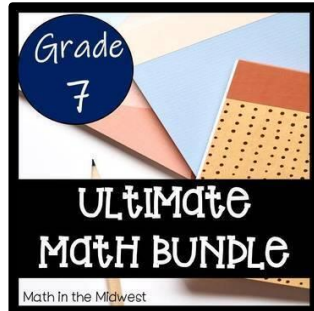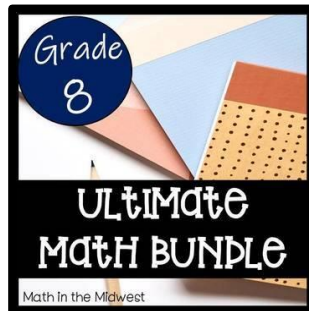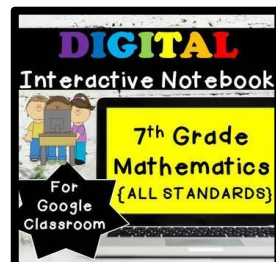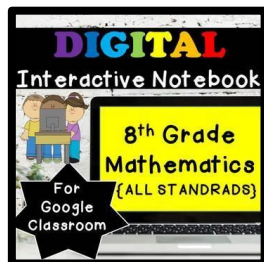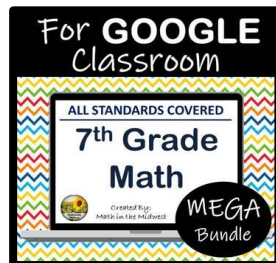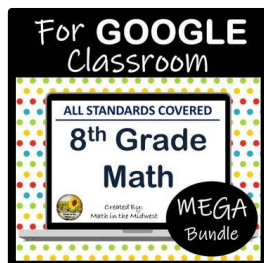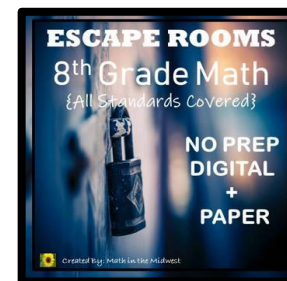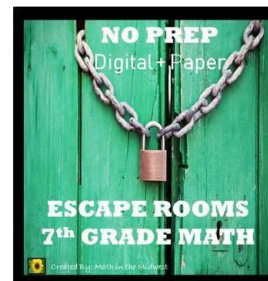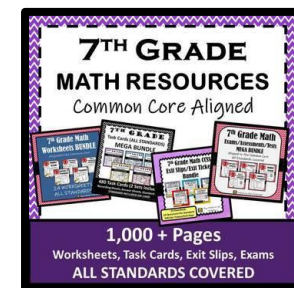
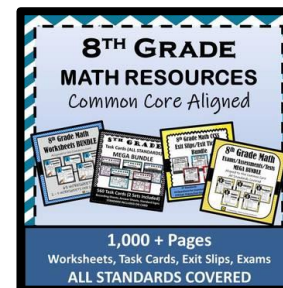Grade 8 ULTIMATE MATH BUNDLE — Math in the Midwest

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