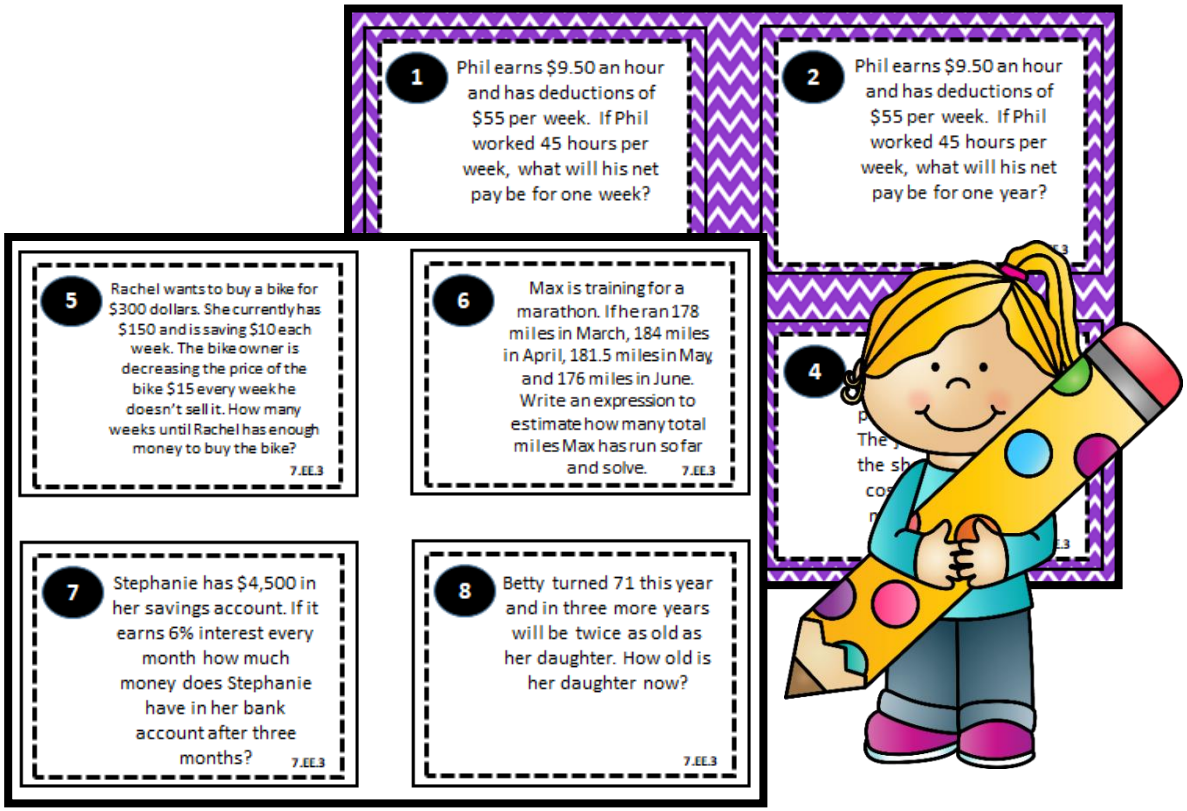
Number System
Task Cards 7.EE.3

20 Task Cards, Recording Sheet, Answer Sheet

7.EE.3

Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.



Created by:
Math in the Midwest

7.EE.3

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1

Phil earns $9.50 an hour and has deductions of $55 per week. If Phil worked 45 hours per week, what will his net pay be for one week?

7.EE.3

2

Phil earns $9.50 an hour and has deductions of $55 per week. If Phil worked 45 hours per week, what will his net pay be for one year?

7.EE.3

3

Darla makes $250 a week and her boss wanted to give her a 12% raise. How much money would Darla make a week after the raise?

7.EE.3

4

Kim had $100 to go shopping. She bought a pair of jeans and shoes. The jeans were $40 and the shoes were 60% the cost of the jeans. How much money did Kim have left over? 7.EE.3

5

Rachel wants to buy a bike for $300 dollars. She currently has $150 and is saving $10 each week. The bike owner is decreasing the price of the bike $15 every week he doesn't sell it. How many weeks until Rachel has enough money to buy the bike?

7.EE.3

6

Max is training for a marathon. If he ran 178 miles in March, 184 miles in April, 181.5 miles in May, and 176 miles in June. Write an expression to estimate how many total miles Max has run so far and solve.

7.EE.3

7

Stephanie has $4,500 in her savings account. If it earns 6% interest every month how much money does Stephanie have in her bank account after three months?

7.EE.3

8

Betty turned 71 this year and in three more years will be twice as old as her daughter. How old is her daughter now?

7.EE.3

9

If you make $17.50 an hour and get a 9% raise. What is your new hourly pay?

7.EE.3

10

If you make $17.50 an hour and get a 9% decrease in pay. What is your new hourly pay?

7.EE.3

11

Evaluate the following algebraic expression:

$$\frac{3}{4}x + 6 \; for \; x = 8$$

7.EE.3

12

Evaluate the following algebraic expression:

$$\frac{1}{3}x + \frac{2}{5} \; for \; x = \frac{4}{5}$$

7.EE.3

13 Evaluate the following algebraic expression:

$$-2x - 3 \; for \; x = -3$$

7.EE.3

14 Evaluate the following algebraic expression:

$$4x + (-8) \; for \; x = 2$$

7.EE.3

15 Sylvia has $24 to spend at the movies. The ticket costs $15. She also bought a popcorn, soda, and candy bar that all cost the same amount. How much did the candy bar cost?

7.EE.3

16 Jack wants to buy 30 chocolate chip cookies that are $1.25 each. If sales tax is 7.5%. What will Jack's total bill be?

7.EE.3

17

Solve the following equation:

$2x + 5 = 10$

7.EE.3

18

Solve the following equation:

$-x + 7.2 = 3.8$

7.EE.3

19

Solve the following equation:

$\frac{1}{4}y + 12 = 16$

7.EE.3

20

Solve the following equation:

$3x + (-4) = 8.9$

7.EE.3

21

7.EE.3

22

7.EE.3

23

7.EE.3

24

7.EE.3

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7.EE.3

23

7.EE.3

24

7.EE.3

Name _____ Hour _____

7.EE.3 Recording Sheet

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

Name _____ Hour _____

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

Answer Key

Number	Answer
1	$372.50
2	$19,370
3	$280
4	$36
5	Week 7
6	$180 \times 4 = 720$miles
7	$\$5,359.57$
8	34 years old
9	$19.08
10	$15.92

Number	Answer
11	12
12	$\frac{2}{3}$
13	3
14	0
15	$3
16	$40.31
17	$x = 2.5$
18	$x = 3.4$
19	$y = 16$
20	$x = 4.3$

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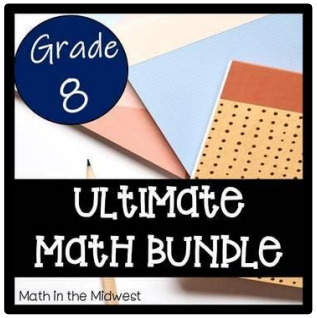

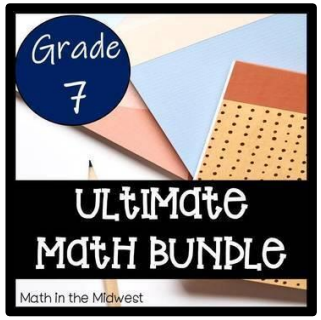

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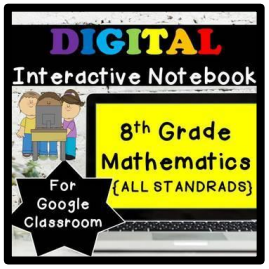

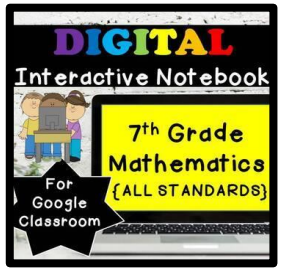

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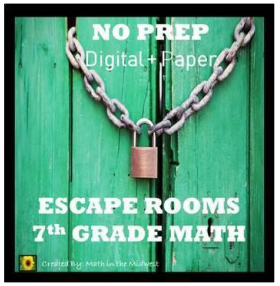

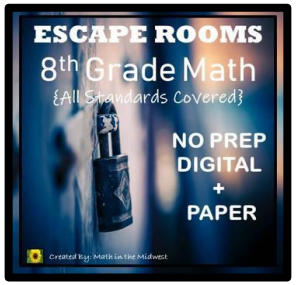

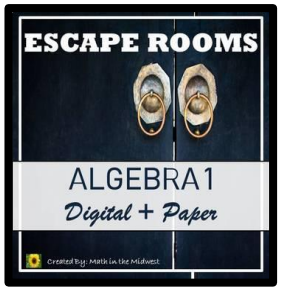

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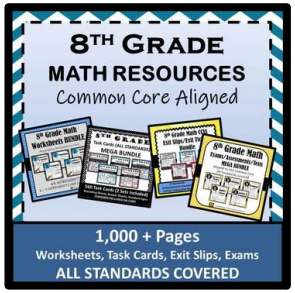

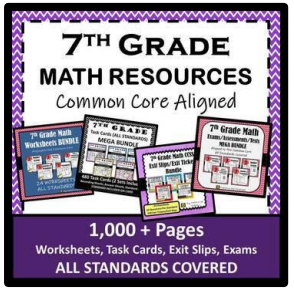

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