Aligned to the Common Core

Number System Exam

7th Grade Mathematics Number System

7.NS.1
Solve the following integer problems:
1. $-5 + 4 =$ _____
2. $7 + (-11) =$ _____
3. $2 - 10 =$ _____
4. $-4 + (-12) =$ _____
5. $-8 - (-10) =$ _____

7.NS.1
Write an integer addition problem that would represent an elevator starts at street level (main lobby) goes up 9 floors and then back down 12 floors to the parking garage.

7.NS.2
Determine each product or quotient:
1. $-2 \times -2 \times -2 =$ _____
2. $-12 \div 2 =$ _____
3. $-4 \times -3 \times 2 =$ _____
4. $-1 \times -1 \times -1 \times -1 =$ _____
5. $-20 \div -4 =$ _____

7.NS.2
Convert the following fraction to a decimal and then classify if the decimal is terminating, non-terminating, repeating or non-repeating. Use bar notation if necessary.

A. $\frac{1}{3}$

B. $\frac{4}{5}$

7.NS.3
Isaiah had debt of $440 on his credit card and then paid back $200. What is the status of his credit card now?

7.NS.3
Calvin starts a business and has to take out a loan of $5,000. He makes a profit of $900 during the first month and then for the next two months records a profit of $-100 and the fourth month made a profit of $3,000. What is the total profit for the first four months of Calvin's business?

rade Mathematics umber System

...understand the most about the number system?

_____

...d like to understand better about the number system?

...IMUM EFFORT) you gave and put a BOX (10: YOU COULD ...SE) around how you would rate your understanding of the ...e below.

$\longleftarrow$ | 4 | 5 | 6 | 7 | 8 | 9 | 10 $\longrightarrow$

...standards you got correct and leave the ones ...u missed. If you got one correct and missed ...one color it halfway in.

7.NS.2   7.NS.3

2 QUESTIONS PER STANDARD

By: Math in the Midwest

Name: _____   Date: _____   Hour: _____

7ᵗʰ Grade Mathematics
Number System

7.NS.1

Solve the following integer problems;

1. $-5 + 4 =$ _____

2. $7 + (-11) =$ _____

3. $2 - 10 =$ _____

4. $-4 + (-12) =$ _____

5. $-8 - (-10) =$ _____

7.NS.1

Write an integer addition problem that would represent an elevator that starts at street level (main lobby), goes up 9 floors and then back down 12 floors to the parking garage.

7.NS.2

Determine each product or quotient:

1. $-2 \times -2 \times -2 =$ _____

2. $-12 \div 2 =$ _____

3. $-4 \times -3 \times 2 =$ _____

4. $-1 \times -1 \times -1 \times -1 =$ _____

5. $-20 \div -4 =$ _____

7.NS.2

Convert the following fraction to a decimal and then classify if the decimal is terminating, non-terminating, repeating or non-repeating. Use bar notation if necessary.

A. $\dfrac{1}{3}$

B. $\dfrac{4}{5}$

7.NS.3

Isaiah had debt of $440 on his credit card and then paid back $200. What is the balance of his credit card now?

7.NS.3

Calvin starts a new computer business. He makes a profit of $800 during the first month, and then for the next two months records a loss of $100 and the fourth month made a profit of $3,000. What is the total profit for the first four months of Calvin's business?

Name: _____ Date: _____ Hour: _____

7th Grade Mathematics
Number System

A. What do you feel like you understand the most about the number system?

_____

_____

_____

_____

B. What is one area you would like to understand better about the number system?

_____

_____

_____

_____

C. CIRCLE the effort (10: MAXIMUM EFFORT) you gave and put a BOX (10: YOU COULD TEACH THIS TO SOMEONE ELSE) around how you would rate your UNDERSTANDING of the content using the number line below.

$$\longleftarrow \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad \longrightarrow$$

Name: _____ Date: _____ Hour: _____

7th Grade Mathematics
Number System

Solve the following integer problems;

1. $-5 + 4 = \underline{-1}$

2. $7 + (-11) = \underline{-4}$

3. $2 - 10 = \underline{-8}$

4. $-4 + (-12) = \underline{-16}$

5. $-8 - (-10) = \underline{2}$

Write an integer addition problem that would represent an elevator that starts at street level (main lobby), goes up 9 floors and then back down 12 floors to the parking garage.

$$0 + 9 - 12 = -3$$

Determine each product or quotient:

1. $-2 \times -2 \times -2 = \underline{-8}$

2. $-12 \div 2 = \underline{-6}$

3. $-4 \times -3 \times 2 = \underline{24}$

4. $-1 \times -1 \times -1 \times -1 = \underline{1}$

5. $-20 \div -4 = \underline{5}$

Convert the following fraction to a decimal and then classify if the decimal is terminating, non-terminating, repeating or non-repeating. Use bar notation if necessary.

A. $\frac{1}{3}$ $0.3333....$
$non-terminating\ and\ repeating$

B. $\frac{4}{5}$ 0.8
$Terminating\ and\ non-repeating$

Isaiah had debt of $440 on his credit card and then paid back $200. What is the balance of his credit card now?

$$-440 + 200 = \$-240$$

Calvin starts a new computer business. He makes a profit of $800 during the first month, then for the next two months records a loss of $100 and the fourth month made a profit of $3,000. What is the total profit for the first four months of Calvin's business?
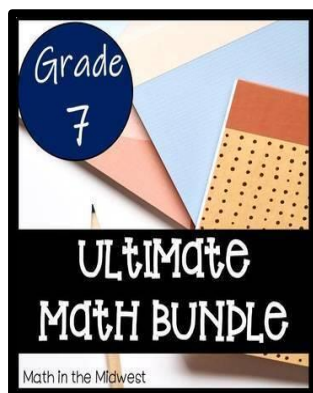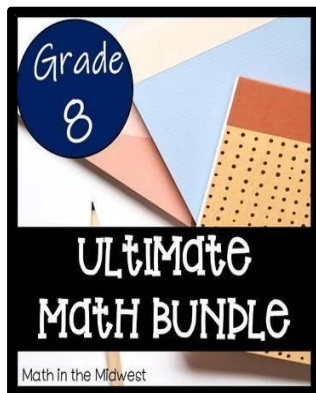
$$800 + (-100) + (-100) + 3,000$$
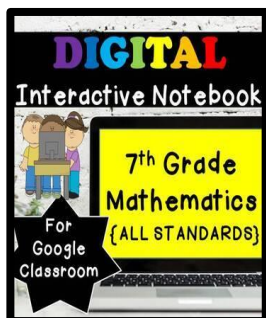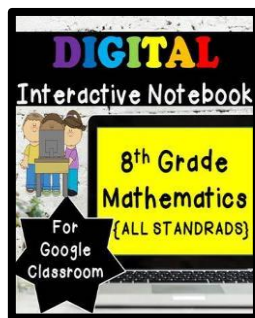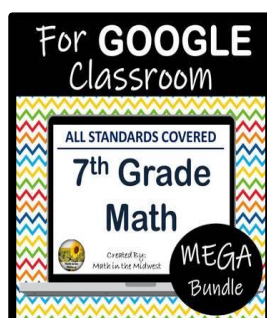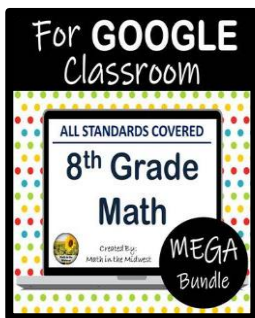**The business's profitability was $3,600**

Check out my other products!
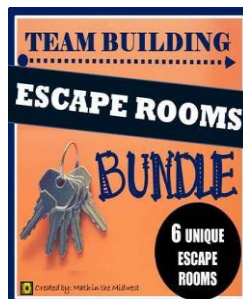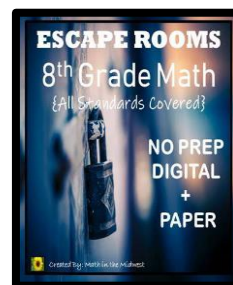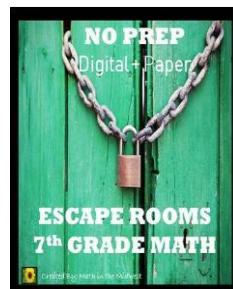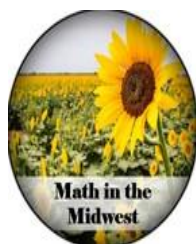## All you have to do is click on the images below.

Ultimate Bundles:

Grade 8
ULTIMATE MATH BUNDLE
Math in the Midwest

Grade 7
ULTIMATE MATH BUNDLE
Math in the Midwest

Escape Rooms:

NO PREP Digital + Paper
ESCAPE ROOMS 7th GRADE MATH

DIGIGAL ESCAPE ROOM BUNDLE
7th Grade NO PREP
24 Unique Escape Rooms
Math in the Midwest

Digital Bundles:

For **GOOGLE** Classroom
ALL STANDARDS COVERED
8th Grade Math
MEGA Bundle
Created By: Math in the Midwest

For **GOOGLE** Classroom
ALL STANDARDS COVERED
7th Grade Math
MEGA Bundle
Created By: Math in the Midwest

ESCAPE ROOMS 8th Grade Math
{All Standards Covered}
NO PREP DIGITAL + PAPER
Created By: Math in the Midwest

DIGIGAL ESCAPE ROOM BUNDLE
8th Grade NO PREP
28 Unique Escape Rooms
Math in the Midwest

DIGITAL Interactive Notebook
8th Grade Mathematics {ALL STANDRADS}
For Google Classroom

DIGITAL Interactive Notebook
7th Grade Mathematics {ALL STANDARDS}
For Google Classroom

ESCAPE ROOMS
ALGEBRA1
Digital + Paper
Created By: Math in the Midwest

TEAM BUILDING ESCAPE ROOMS BUNDLE
6 UNIQUE ESCAPE ROOMS
Created by: Math in the Midwest

PDF Bundles:

8TH GRADE MATH RESOURCES
Common Core Aligned
1,000 + Pages
Worksheets, Task Cards, Exit Slips, Exams
ALL STANDARDS COVERED

7TH GRADE MATH RESOURCES
Common Core Aligned
1,000 + Pages
Worksheets, Task Cards, Exit Slips, Exams
ALL STANDARDS COVERED

Math in the Midwest

Visit my store & follow me!

Terms of Use

Terms of Use Permission is granted to copy pages specifically for student or teacher use only by the original purchaser or licensee. The reproduction of this product for any other use is strictly prohibited. Copying any part of the product and placing it on the Internet is strictly prohibited. Doing so violates the Digital Millennium Copyright Act (DMCA).

Be the first to know about my new discounts, freebies, and product launches. Click the link below to become a follower!

https://www.teacherspayteachers.com/Sellers-Im-Following/Add/Math-In-The-Midwest

Get TpT Credit on Future Purchases by:
- Leaving feedback on the products you purchase. TpT gives you feedback credits that you use to lower the cost of your future purchases. I truly love hearing what you think about my products so please consider leaving feedback! Thank you ☺

Credit & many thanks to: