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Decimal Word Problem Solve & Draw Task Cards



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Decimal Word Problems Solve & Draw Task Cards

Directions

Decimal Word Problems Solve & Draw Task Cards are a no-prep way to make decimal review work or practice more engaging. These are also designed to provide practice of reading math directions and breaking down multi-step word problems. These are intended to be a challenge or review activity.

How Solve & Draw Task Cards Work:

Students read the word problem, determine the steps they need to take, and solve the decimal calculations. Then, there are two related math problems, often requiring critical thinking and making connections, that will prompt them to add specific objects to the drawing. To keep them guessing, each problem may have one correct drawing prompt, two, or none.

Drawing is no-prep because it can be done with a pencil. You may choose to allow colored pencils, crayons, or markers but they are not required. This works well as a homework option for families who may not have those supplies to offer.

Three drawings are included, each with 8 associated task cards (ninja from the correct drawing is on each numbered task card). Each task card contains three related math problems.

An answer sheet with workspace is provided and may be copied on to the back of the drawing or separately. You may also choose to print copies of the task cards, especially for students needing support, and allowing students to complete the work on the task cards.

Drawing prompts require a student to use multiple skills:

- Decimal calculations (all operations)
- Reading word problems carefully and determining the steps and calculations needed to solve
- Making math connections
- Independently using math vocabulary
- Reading directions accurately

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Decimal Word Problems - Task Cards
Answer Sheet

Name:
Date:
Class:

Directions: Solve the problems on each task card and write your answers in the grid. Circle your answers to keep organized.

1)	2)		
3)	4)		
5)	6)		
7)	8)		

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Mr. Jay needs to fertilize his grass. He buys 5 bags of fertilizer that each cost \$12.50. What is the total cost of the fertilizer?

☐ If the total is less than \$60, draw a ninja pig reading a book.

☐ If the total is more than \$60, draw another ninja cat for the cat to fight.



Jack goes to the movies with a friend. His ticket costs \$8.25. He buys some popcorn for \$2.75 and a soda for \$2.50. If he started the day with \$15, how much money does he have left over?

☐ If Jack spent \$13.50 total, draw a ninja star in the cat's paw.

☐ If Jack spent less than \$13.50, draw a ninja sword in the cat's paw.



Tess earned \$15.56 from washing cars, \$20.99 from helping her sister with her homework, and \$23.75 from cleaning the house. She then bought a new dress for \$35. How much money does Tess have left from what she earned after buying the dress?

☐ If Tess earned less than \$45, draw a sun in the sky.

☐ If Tess paid more than half of her earnings for the dress, make it rain.



Brad has \$109.87 in his savings account. Jan has \$187.09 in her savings account. How much more money does Jan have than Brad?

☐ If the total sum of Jan and Brad's savings is more than \$300, draw a cartoon character.

☐ If the total sum of Jan and Brad's savings is a decimal number, draw a star behind the biggest number.



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Kelly wants to buy 8 bags of popcorn for her friends at the weekly movie. Each bag costs \$0.75. How much total money does she need?

- ☐ If the price of the popcorn is a whole number, draw a cat jumping behind the bush.

☐ If she pays for the popcorn bags with a \$5 bill, draw shoes on all of the ninjas.



The candy store owner has 7.11 lbs. of candy. If she puts the candy into 9 jars, how much candy will each jar contain?

- ☐ If she puts more than one pound of candy in each jar, draw three birds in the sky.
- ☐ If she puts a decimal number less than one pound into each jar, draw a house on one of the hills.



After buying food and spending \$47.05, Jill has \$8.35 left. How much money did Jill have to begin with?

- ☐ If Jill had more than \$55, draw apples on the big tree.
- ☐ If Jill spent exactly .75 of her money, draw nunchucks in the hand of one ninja.



Chris needs to earn \$451.00. If she earns \$5.50 per hour, how many hours does she Chris need to work?

- ☐ If Chris earns \$55 after working 10 hours, draw a ninja master standing on a cloud.
- ☐ If Chris earns less than \$55 after working 10 hours, draw a ninja doing a handstand under the biggest tree.



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Mr. Jay needs to fertilize his grass with 10 bags of fertilizer that each cost \$5.00. What is the total cost of the fertilizer?

☐ If the total is less than \$50, draw a ninja pig ready to fight.

☐ If the total is more than \$50, draw another ninja cat for the cat to fight.



Jack goes to the movies with a friend. His ticket costs \$8.25. He buys some popcorn for \$2.75 and a soda for \$2.50. If he started the day with \$15, how much money does he have left over?

☐ If Jack spent \$13.50 total, draw a ninja star in the cat's paw.

☐ If Jack spent less than \$13.50, draw a ninja sword in the cat's paw.



Tess earned \$15.56 from washing cars, \$20.99 from helping her sister with her homework, and \$23.75 from cleaning the house. She then bought a new dress for \$35. How much money does Tess have left from what she earned after buying the dress?

☐ If Tess earned less than \$45, draw a sun in the sky.

☐ If Tess paid more than half of her earnings for the dress, make it rain.



Brad has \$109.87 in his savings account. Jan has \$187.09 in her savings account. How much more money does Jan have than Brad?

☐ If the total sum of Jan and Brad's savings is more than \$300, draw a cartoon car.

☐ If the total sum of Jan and Brad's savings is a decimal number, draw a cat standing behind the biggest tree.



PREVIEW FILE

Kelly wants to buy 8 bags of popcorn for her friends at the weekly movie. Each bag costs \$0.75. How much total money does she need?

- ☐ If the price of the popcorn is a whole number, draw a cat behind the bush.

If she pays for the popcorn bags with a \$5 bill, how much change does she get?



The candy store owner has 7.11 lbs. of candy. If she puts the candy into 9 jars, how much candy will each jar contain?

- ☐ If she puts more than one pound of candy in each jar, draw three birds in the sky.
- ☐ If she puts a decimal number less than one pound into each jar, draw a house on one of the hills.



After buying food and spending \$47.05, Jill has \$8.35 left. How much money did Jill have to begin with?

- ☐ If Jill had more than \$55, draw apples on the big tree.
- ☐ If Jill spent exactly .75 of her money, draw nunchucks in the hand of one ninja.



Chris needs to earn \$451.00. If she earns \$5.50 per hour, how many hours does she need to work?

- ☐ If Chris earns \$55 after working 10 hours, draw a ninja master standing on a cloud.
- ☐ If Chris earns less than \$55 after working 10 hours, draw a ninja doing a handstand on the biggest tree.



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Mr. Jay needs to fertilize his grass with 10 bags of fertilizer that each cost \$6.89. What is the total cost of the fertilizer?

\$68.94

☒ If the total is more than \$68.94, draw a ninja pig reading a book.

☐ If the total is less than \$68.94, draw another ninja cat for the cat to fight.



Jack goes to the movies with a friend. His ticket costs \$8.25. He buys some popcorn for \$2.75 and a soda for \$2.50. If he started the day with \$15, how much money does he have left over?

\$1.50

☒ If Jack spent \$13.50 total, draw a ninja star in the cat's paw.

☐ If Jack spent less than \$13.50, draw a ninja sword in the cat's paw.



ANSWER KEY

Tess earned \$15.56 from washing cars, \$20.99 from helping her sister with her homework, and \$23.75 from cleaning the house. She then bought a new dress for \$35. How much money does Tess have left from what she earned after buying the dress?

\$46.24

☐ If Tess earned less than \$60, draw a sun in the sky.

☒ If Tess paid more than half of her earnings for the dress, make it rain.



Brad has \$109.87 in his savings account. Jan has \$187.09 in her savings account. How much more money does Jan have than Brad?

\$77.22

☐ If the total sum of Jan and Brad's savings is more than \$300, draw a cart on wheels.

☒ If the total sum of Jan and Brad's savings is a decimal number, draw a tree behind the biggest tree.



PREVIEW FILE

Kelly wants to buy 8 bags of popcorn for her friends at the weekly movie. Each bag costs \$0.75. How much total money does she need?

\$6.00

☒ If the price of the popcorn is a whole number, draw a cat behind the bush.

☒ If she pays for the popcorn bags with a \$5 bill, draw a cat on all of the ninjas.



The candy store owner has 7.11 lbs. of candy. If she puts the candy into 9 jars, how much candy will each jar contain?

0.79 lbs

☒ If she puts more than one pound of candy in each jar, draw three birds in the sky.

☒ If she puts in less than one pound into each jar, draw a house on one of the hills.



ANSWER KEY

After buying food and spending \$47.05, Jill has \$8.35 left. How much money did Jill have to begin with?

\$55.40

☒ If Jill had more than \$55, draw apples on the big tree.

☒ If Jill spent exactly 0.75 of her money, draw nunchucks in the hand of one ninja.



Chris needs to earn \$451.00. If she earns \$5.50 per hour, how many hours does she Chris need to work?

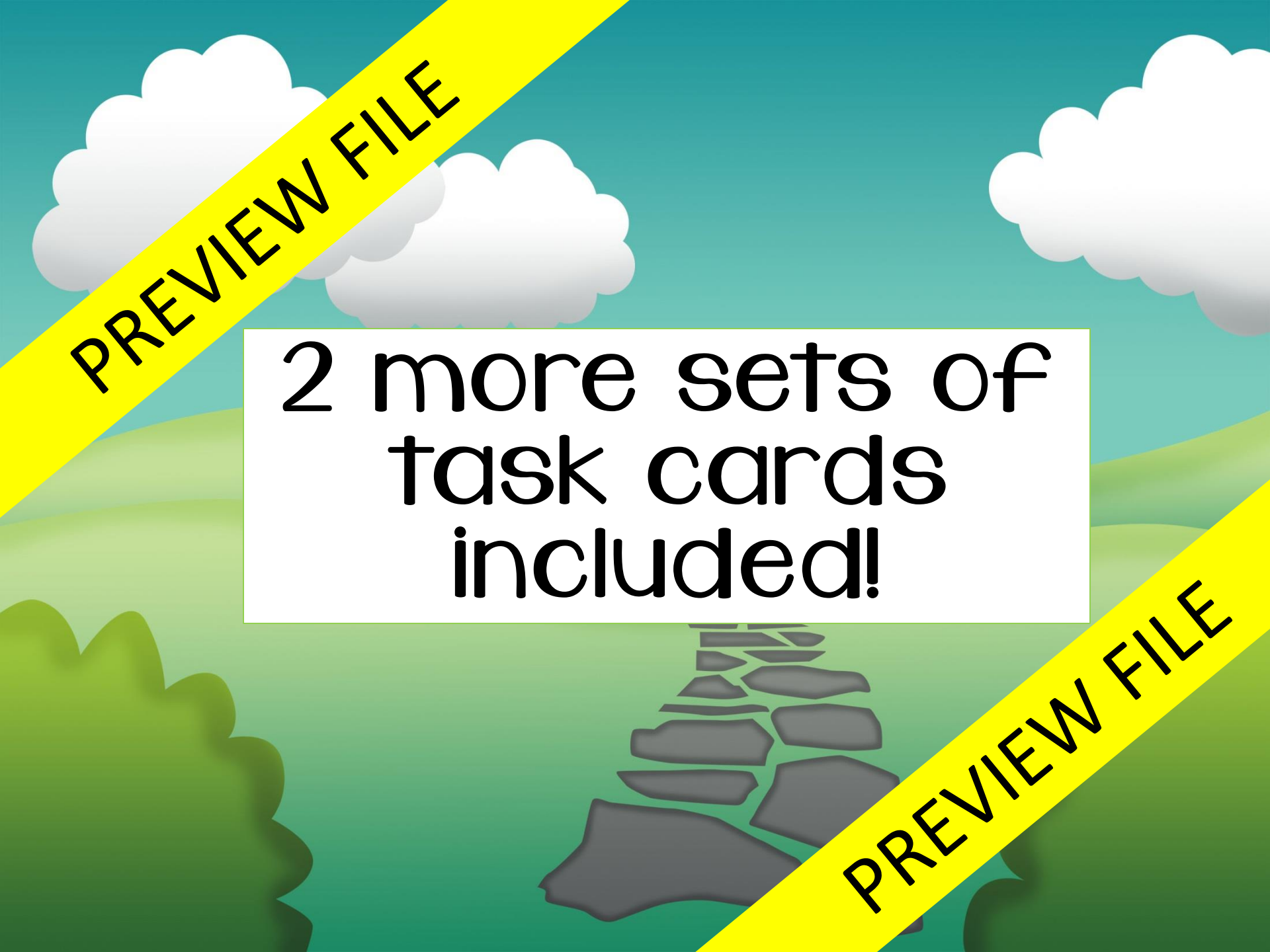
82 hours

☒ If Chris earns \$55 after working 10 hours, draw a cat and a ninja master standing on one foot.

☒ If Chris earns less than \$55 after working 10 hours, draw a cat and a ninja doing a handstand on one foot.



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2 more sets of
task cards
included!

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Thank you for previewing!

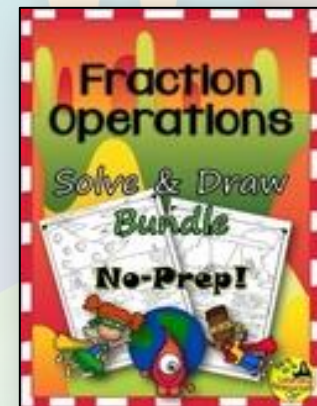
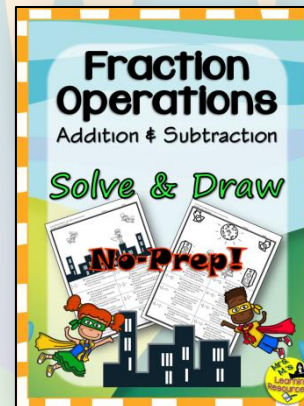
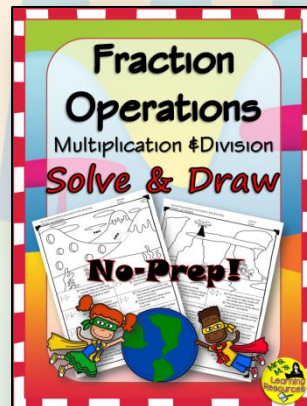
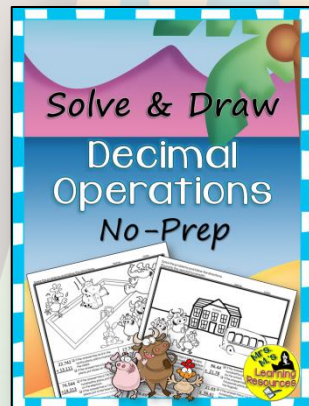
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Thank you!
Mrs. Martin



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Solve & Draw

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No-Prep



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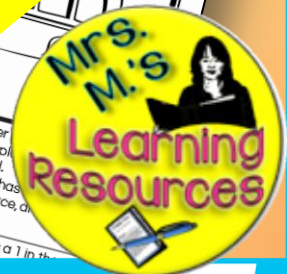


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Directions

Decimal Operation Solve and Draw sheets are an easy no-prep way to make review work or practice more engaging. These are also designed to provide practice of reading math directions.

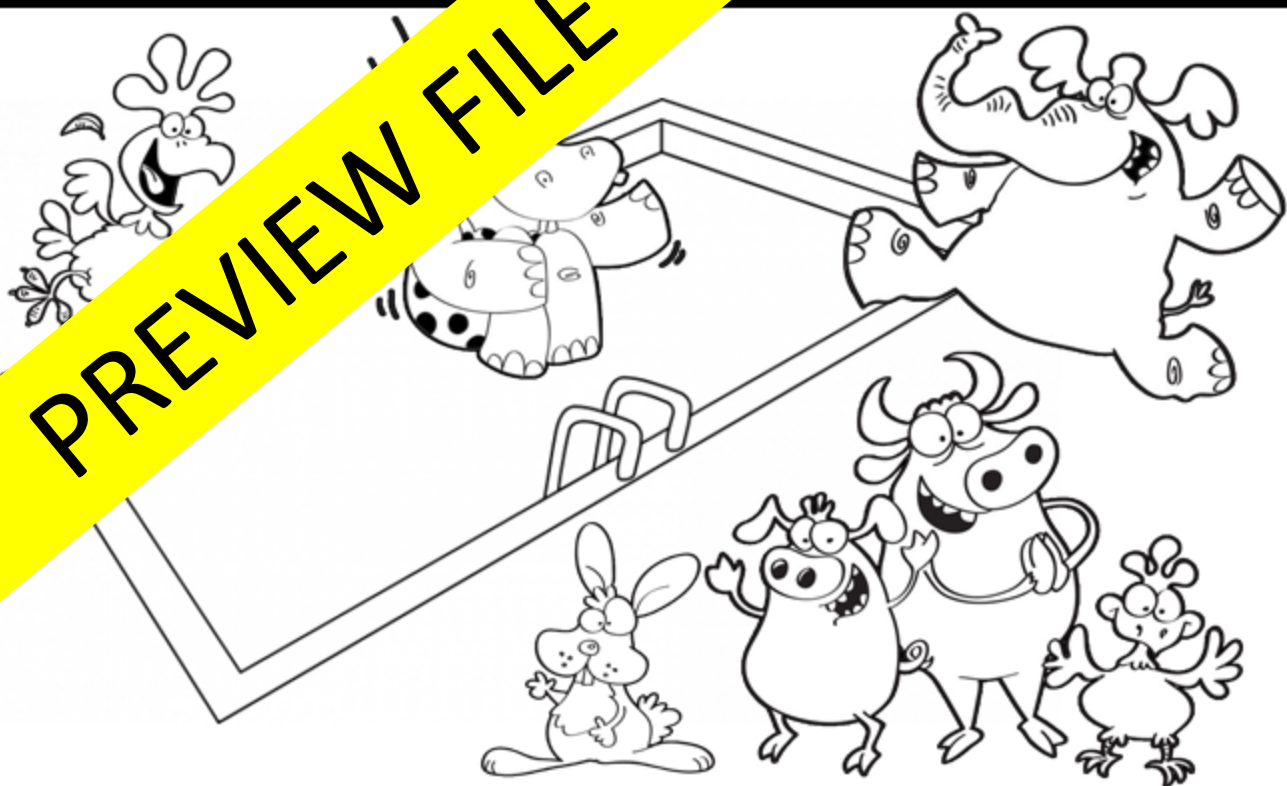
Students solve the decimal calculations and add to the drawing based on their answers. To keep them guessing, each problem may have one correct drawing prompt, two, or none. Each page has an average of 7 responses that require drawing. Drawing is no-prep because it can be done with the student's normal writing utensil (pen or pencil). You may choose to allow colored pencils, crayons, or markers but they are not required. This works well as a homework option for families who may not have those supplies to offer.

Drawing prompts require a student to use multiple skills:

- Decimal calculations
- Place Value
- Rounding
- Reading

An optional challenge page is included that can be used with the worksheet – this gives students an extension opportunity. They can create a math equation that fits one of the incorrect drawing prompts or create a math equation and their own drawing prompts.

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- 22.742
 $+13.111$
- ☐ If the answer has an 8 in the tenths place, add a mustache to the rabbit.
- ☐ If the answer has a 5 in the tens place, put shoes on the rabbit.

- 17.745
 $+92.744$
- ☐ If the answer has a 4 in the tenths place, draw sandals on the chicken that is by the cow.
- ☐ If the answer has a 9 in the tens place, give the cow a popsicle.

- 74.544
 $+14.213$
- ☐ If the answer has a 7 in the hundredths place, put a hair bow on the elephant.
- ☐ If the answer has a 7 in the tenths place, put a hair bow on the cow.

- 57.654
 $+79.661$
- ☐ If the answer has a 9 in the ones place, give the hippo a hat.
- ☐ If the answer has a 1 in the hundredths place, draw a shark in the pool.

- 66.658
 $+28.461$
- ☐ If the answer has 0 in the thousandths place, give the elephant sunglasses.
- ☐ If the answer has a 1 in the tenths place, draw an ice cream cone in the rabbit's paw.

- 51.124
 $+79.782$
- ☐ If the answer has a 4 in the tenths place, draw a mustache on the chicken that is by the cow.
- ☐ If the answer has a 9 in the tens place, give the cow a popsicle.

- 63.662
 $+68.572$
- ☐ If the answer has a 3 in the hundredths place, draw a pool toy in the pool.
- ☐ If the answer has a 3 in the tens place, draw a swimsuit on the elephant.

- 33.662
 $+68.572$
- ☐ If the answer has a 7 in the hundredths place, draw a mustache on the pig.
- ☐ If the answer has a 0 in the ones place, draw a shark in the pool.

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Challenge #1:

Page:



Choose a drawing prompt from the page that was not correct. Create a decimal equation to correct the prompt, and add the drawing to the original page.

Example:

Original Equation	Drawing Prompts	New Equation
$\begin{array}{r} 111 \\ 25.853 \end{array}$	☒ If the answer has an 8 in the tenths place, add a mustache to the rabbit. ☒ If the answer has a 5 in the tens place, put shoes on the rabbit.	$\begin{array}{r} 61.42 \\ + 90.75 \\ \hline 152.17 \end{array}$

Challenge #1 Workspace**Challenge #2:**

Create a decimal equation, and write two drawing prompts. One must be correct, the second is your choice.

New Equation	Drawing Prompts	New Equation

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Answer Keys

✓ = correct

✗ = incorrect

Answer keys included for every page

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$\begin{array}{r} 22.742 \\ + 13.111 \\ \hline 25.853 \end{array}$ ☒ If the answer has an 8 in the tenths place, add a mustache to the rabbit. ☒ If the answer has a 5 in the tens place, put shoes on the rabbit.	$\begin{array}{r} 17.745 \\ + 92.744 \\ \hline 110.489 \end{array}$ ☒ If the answer has a 4 in the tenths place, draw sandals on the chicken that is by the cow. ☒ If the answer has a 9 in the tens place, give the cow a popsicle.
$\begin{array}{r} 74.544 \\ + 14.213 \\ \hline 88.757 \end{array}$ ☒ If the answer has a 7 in the hundredths place, put a hair bow on the elephant. ☒ If the answer has a 7 in the tenths place, put a hair bow on the cow.	$\begin{array}{r} 57.654 \\ + 79.661 \\ \hline 137.315 \end{array}$ ☒ If the answer has a 9 in the ones place, give the hippo a hat. ☒ If the answer has a 1 in the hundredths place, draw a fish in the pool.
$\begin{array}{r} 66.658 \\ + 28.461 \\ \hline 95.119 \end{array}$ ☒ If the answer has 0 in the thousandths place, give the elephant sunglasses. ☒ If the answer has a 1 in the tenths place, draw an ice cream cone in the rabbit's paw.	$\begin{array}{r} 51.124 \\ + 79.782 \\ \hline 130.906 \end{array}$ ☒ If the answer has a 4 in the tenths place, draw a hat on the chickens. ☒ If the answer has a 0 in the tenths place, draw a fish in the pool.
$\begin{array}{r} 63.662 \\ + 68.572 \\ \hline 132.234 \end{array}$ ☒ If the answer has a 3 in the hundredths place, draw a pool toy in the pool. ☒ If the answer has a 3 in the tens place, draw a swimsuit on the elephant.	$\begin{array}{r} 33.8 \\ + 8.9 \\ \hline 42.7 \end{array}$ ☒ If the answer has a 7 in the tenths place, draw a hat on the pig. ☒ If the answer has a 0 in the ones place, draw a shark in the pool.

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Thank you!
Mrs. Martin



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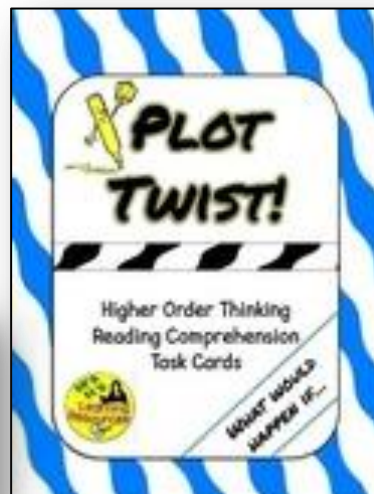
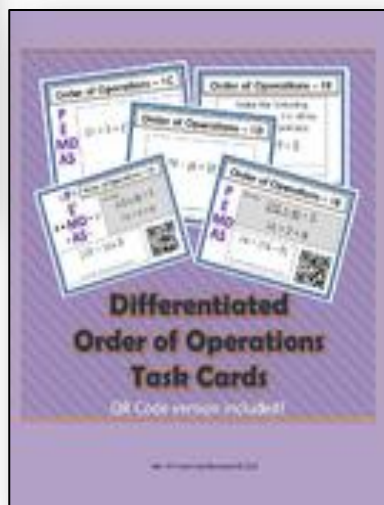
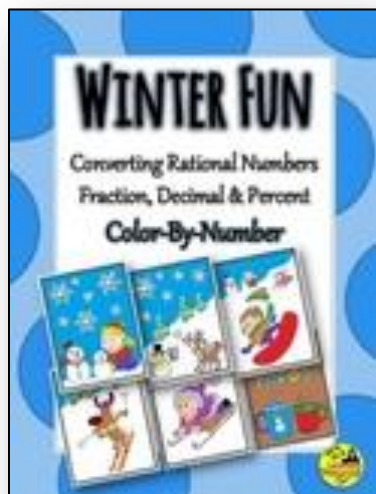


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