

PREVIEW FILE

Decimal Word Problem Solve & Draw Task Cards



ACTIVATED
EDUCATION

Decimal Word Problems Solve & Draw Task Cards

Directions

Decimal Word Problems Solve & Draw Task Cards are an engaging way for students to solve decimal word problems. 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 itself 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.

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.

Task cards are included in both color and black-and-white. 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 in black-and-white, 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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**STUDENTS ADD TO THIS
DRAWING BASED ON THE
ANSWERS FROM THE TASK
CARDS**



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TASK CARDS COME IN COLOR
AND BLACK-AND-WHITE
VERSIONS.
ANSWER KEYS INCLUDED!

Mr. Jay needs to fertilize his grass. He will buy three bags of fertilizer that each cost \$22.98. What is the total cost of the fertilizer?

\$68.94

☒ If the total cost is a whole number, draw a ninja pig ready to fight the ninja cat.

☒ Mr. Jay pays the cashier with \$70.00 cash. If he will get \$1.06 in change, draw another ninja cat for the first ninja cat to fight.

1

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.

2

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.

3

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 the path.

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

4

ANSWER KEY

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Decimal Word Problems Solve & Draw Task
Answer Sheet

Name: _____
Date: _____
Grade: _____

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

1)

2)

3)

4)

5)

6)

7)

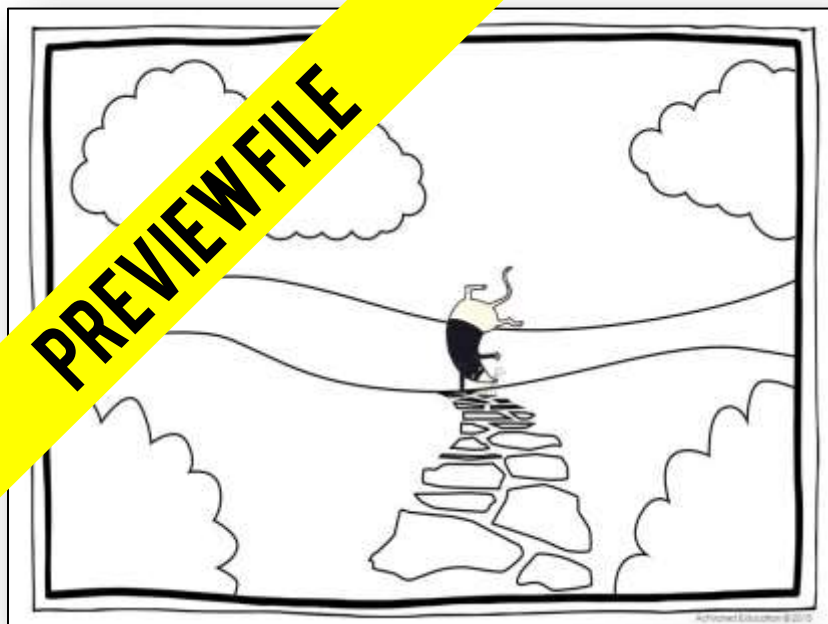
8)

STUDENTS ANSWER SHEET

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SET #2



Ruby's cat weighs 3.7 kilograms. If Ruby's dog weighs 4 times as much as the cat, how much does the dog weigh?

14.8

☒ If the dog weighs 15 pounds or less, draw a ninja cat fighting the ninja mouse.

☒ Ruby weighs 14.7 kilograms. If she weighs more than the dog, draw a ninja turtle fighting the ninja mouse.

The minimum wage in Georgia is \$5.15 per hour. The minimum wage in Washington is \$9.45. How much more per hour do workers in Washington earn?

\$4.30

☒ A Washington worker earns \$348 after working 40 hours. If a worker in Georgia would have to work 68 hours to earn \$348, make it rain.

☒ If a worker in Georgia earns \$208 after working 40 hours, draw the sun in the sky.

ANSWER KEY

Ruby's cat weighs 3.7 kilograms. If Ruby's dog weighs 4 times as much as the cat, how much does the dog weigh?

☐ If the dog weighs 15 pounds or less, draw a ninja cat fighting the ninja mouse.

☐ Ruby weighs 14.7 kilograms. If she weighs more than the dog, draw a ninja turtle fighting the ninja mouse.

The minimum wage in Georgia is \$5.15 per hour. The minimum wage in Washington is \$9.45. How much more per hour do workers in Washington earn?

☐ A Washington worker earns \$348 after working 40 hours. If a worker in Georgia would have to work 68 hours to earn \$348, make it rain.

☐ If a worker in Georgia earns \$208 after working 40 hours, draw the sun in the sky.

ANSWER KEY

Ruby's cat weighs 3.7 kilograms. If Ruby's dog weighs 4 times as much as the cat, how much does the dog weigh?

☐ If the dog weighs 15 pounds or less, draw a ninja cat fighting the ninja mouse.

☐ Ruby weighs 14.7 kilograms. If she weighs more than the dog, draw a ninja turtle fighting the ninja mouse.

The minimum wage in Georgia is \$5.15 per hour. The minimum wage in Washington is \$9.45. How much more per hour do workers in Washington earn?

☐ A Washington worker earns \$348 after working 40 hours. If a worker in Georgia would have to work 68 hours to earn \$348, make it rain.

☐ If a worker in Georgia earns \$208 after working 40 hours, draw the sun in the sky.

ANSWER KEY

Decimal Word Problems Solve & Draw Task Cards Answer Sheet

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

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

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SET #3

Car rental companies charge \$0.57 per mile for mileage. When you pick up your rental car, the odometer reads 45,689.5 miles. When you return the car, the odometer reads 45,614.25 miles. How much will you be charged for mileage?

- ☐ If you drove 125.25 miles, draw a ninja dog fighting the ninja squirrel.
- ☐ If you would save \$2.50 by using a coupon that lowers the rate to \$0.55 per mile, draw a ninja cat fighting the ninja squirrel.

1

There are 0.76 million people living in Alaska and 0.25 million households. What is the average number of people who live in each household?

- ☐ If the number of people in Alaska is 3 times the number of households, draw clouds in the sky.
- ☐ The number of households drops to 0.20 million. If the average number of people per household is then 5, draw leaves on the 2 largest trees.

3

Ivy buys a racing bike that costs \$899. She pays a down payment of \$200 and gets a 12-month loan for the remainder of the cost. How much does she pay per month for the bike loan?

- ☐ If Ivy's down payment was less than 20% (0.2) of the total cost of the bike, draw a ninja cat sitting on one of the tree branches.
- ☐ If Ivy would pay \$29.13 per month, draw a ninja mouse.

2

Bobby watched 7 minutes of commercials. How much time did he spend watching?

- ☐ If the amount of commercial time was 40 minutes, draw a ninja cat from behind a tree trunk.
- ☐ If Bobby would see 40 minutes when watching 5 hours of any of the ninjas' shows.

4

Car rental companies charge \$0.57 per mile for mileage. When you pick up your rental car, the odometer reads 45,689.5 miles. When you return the car, the odometer reads 45,614.25 miles. How much will you be charged for mileage?

\$71.11

- ☐ If you drove 125.25 miles, draw a ninja dog fighting the ninja squirrel.
- ☐ If you would save \$2.50 by using a coupon that lowers the rate to \$0.55 per mile, draw a ninja cat fighting the ninja squirrel.

1

There are 0.76 million people living in Alaska and 0.25 million households. What is the average number of people who live in each household?

3

- ☐ If the number of people in Alaska is 3 times the number of households, draw clouds in the sky.
- ☐ The number of households drops to 0.20 million. If the average number of people per household is then 5, draw leaves on the 2 largest trees.

ANSWER KEY

Ivy buys a racing bike that costs \$899. She pays a down payment of \$200 and gets a 12-month loan for the remainder of the cost. How much does she pay per month for the bike loan?

\$68.25

- ☐ If Ivy's down payment was less than 20% (0.2) of the total cost of the bike, draw a ninja cat sitting on one of the tree branches.
- ☐ If Ivy would pay \$29.13 per month on a 24-month loan, draw a ninja mouse climbing up a tree trunk.

2

Bobby watched TV for 3 hours. Bobby watched 14.25 minutes of commercials. How much time did he spend watching commercials?



Decimal Word Problems Solve & Draw Task Cards Answer Sheet

Name: _____
Date: _____
Class: _____

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

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

Thank you for previewing!

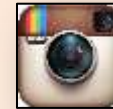
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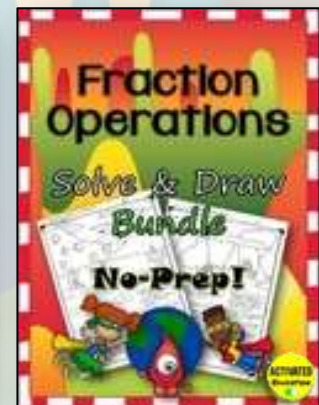
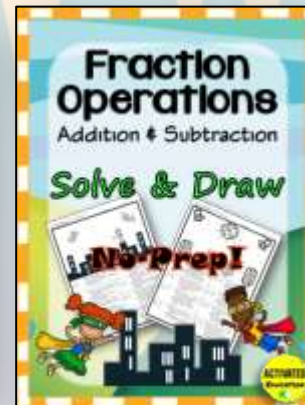
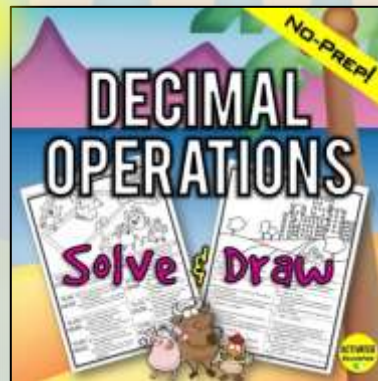
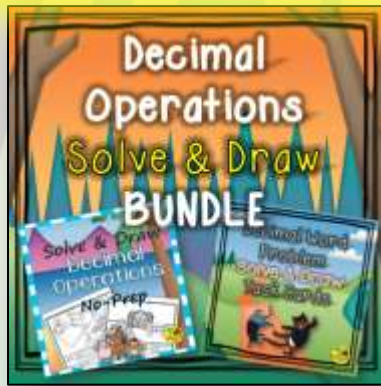
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