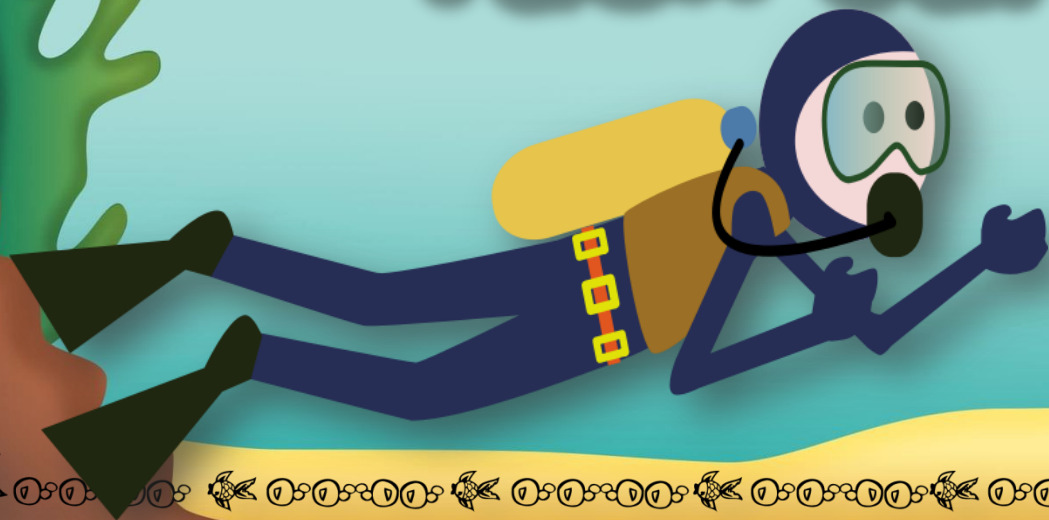


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Fraction Word Problem Solve & Draw Task Cards



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Fraction Word Problems Solve & Draw Task cards Directions

Fraction Word Problems Solve & Draw Task Cards are a no-prep way to make fraction 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 fraction 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. Two levels are included so you can differentiate for your students. Three drawings are included, each with 8 associated task cards (sea creature from the correct drawing is on each numbered task card).

Level 1 – (These task cards have only numbers on them, no letters.):

Each word problem is followed by two drawing prompts. Students choose the correct answer and add to the drawing. Level 1 task cards involve solving only one word problem per card. These cards may be a better fit for students who are not as confident with fraction problem solving and even students who need extra time to complete math work.

Level 2 – (These task cards have a number and a letter on each card. Ex: 1A):

This set is a challenge and has been positively reviewed by teachers for use with gifted students and early finishers. This set contains the same word problems as Level 1 and will have the same correct drawing prompts, enabling you to utilize both sets with the same classroom seamlessly. The answer to the word problem in Level 2 is not directly tied to the drawing prompts, and students will need to do further problem solving and calculations in order to determine with drawing prompts are correct. This requires students complete three math problems on one task card. To keep them from guessing, each problem may have one correct drawing prompt, two, or none.

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:

- Fraction calculations (all operations)
- Comparing and reducing fractions
- 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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Fraction 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)	

Student Answer
Sheets
Two Options
Included



Fraction 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) ☐ If the number of sixth graders is more than 200, draw another fish looking at the scuba diver. ☐ If the number of 7 th and 8 th graders combined is more than 300, draw a net in the scuba diver's left hand.	2) ☐ If Kurt's income was more than $\frac{1}{2}$ profit, draw a boat in the water. ☐ If Kurt spent $\frac{1}{5}$ of his income on gas, draw a whale in the water.
3) ☐ If day, and Fang now weighs 1 $\frac{1}{4}$ pounds, draw the sun.	4) ☐ If $\frac{1}{6}$ of \$75.00 is \$15.00, draw another scuba diver. ☐ Cole donates \$150.00 to the local charity. If they put \$120.00 towards helping animals, draw three birds flying in the sky.
5) ☐ If the recipe is doubled, if the amount of oil is now $\frac{1}{2}$ cup, draw a crab on the bottom of the sea. ☐ If there is one and one-quarter cups of liquid in the recipe, draw a sea anemone.	6) ☐ Taylor helps her parents clean up the kitchen for $\frac{1}{4}$ hour. If her total time spent cleaning is now 1 $\frac{1}{4}$ hours, draw a school of fish. ☐ It is 7:30 and Taylor gets to play on her tablet or watch T.V. until her bedtime at 9:00. If she gets 2 $\frac{1}{2}$ hours of screen time, draw a puffer fish.
7) ☐ If she walks 13 $\frac{1}{2}$ miles in one week, draw a fly to pinch the diver. ☐ Nana is feeling energetic and walks the lake twice. If she walks 5 miles this week, draw a clownfish by the seaweed.	8) ☐ Sam decides to double the amount of orange juice he squeezes. If he squeezes 1 $\frac{1}{4}$ cup, draw a seahorse by the seaweed. ☐ Sam also squeezes $\frac{1}{4}$ cup of lemon juice for the smoothie. If the smoothie has $\frac{1}{2}$ cup of fresh juice, draw a seagull floating on the water.

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Drawing
Page

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There are 440 students at Lakewood Middle School in 6th, 7th, and 8th grade. Two-fifths of the students are 6th graders. How many 6th graders go to Lakewood?

- ☐ If the number of sixth graders is 215, draw another fish looking at the scuba diver.
- ☐ If the number of sixth graders is 176, draw a net in the scuba diver's left hand.



Level 1
Task
Cards

Lacy's cat Fluffy weighs $\frac{2}{3}$ as much as her sister's cat Fang. If Fang weighs 15 pounds, how much does Fluffy weigh?

- ☐ If Fluffy weighs 10 pounds, draw a starfish on the bottom of the sea.
- ☐ If Fluffy weighs 13 pounds, draw the sun.



There are 440 students at Lakewood Middle School in 6th, 7th, and 8th grade. Two-fifths of the students are 6th graders. How many 6th graders go to Lakewood?

- ☐ If the number of sixth graders is more than 200, draw another fish looking at the scuba diver.
- ☐ If the number of 7th and 8th graders combined is 264, draw a net in the scuba diver's left hand.

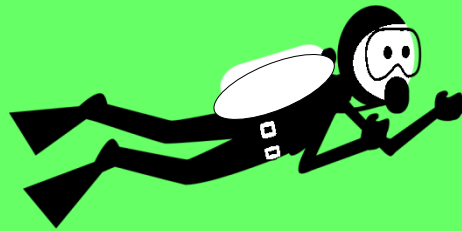


Level 2
Task
Cards

Lacy's cat Fluffy weighs $\frac{2}{3}$ as much as her sister's cat Fang. If Fang weighs 15 pounds, how much does Fluffy weigh?

- ☐ Fluffy eats $\frac{1}{2}$ cup of cat food per day, and Fang eats $\frac{3}{4}$ cup of cat food per day. If they eat a combined amount of $1\frac{1}{4}$ cups of cat food a day, draw a starfish on the bottom of the sea.
- ☐ Fang gains $3\frac{1}{2}$ pounds. If Fang now weighs 3 times more than Fluffy, draw the sun.





Answer Keys

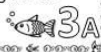
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- ☐ Fang gains $3\frac{1}{2}$ pounds. If Fang now weighs 1 $\frac{1}{4}$ times more than Fluffy, draw the sun.



Last year, Kurt made \$2500 mowing lawns. He paid \$400 for gas in his mower, and also had a repair expense of \$350. What fraction of his overall income was profit (money left after his expenses)?

- ☐ If Kurt's income was more than \$2500, draw another fish looking at the scuba diver.
- ☐ If Kurt spent $\frac{1}{5}$ of his income on gas, draw a whale in the water.



Cole is planning on donating \$75.00 to help hurt animals. A local charity organization will put $\frac{4}{5}$ of his donation towards helping animals and a national charity organization will put $\frac{5}{6}$ towards it. Which organization should Cole donate to?

- ☐ If $\frac{1}{6}$ of \$75.00 is \$15.00, draw another scuba diver.
- ☐ Cole donates \$150.00 to the local charity. If they put \$120.00 towards helping animals, draw three birds flying in the sky.



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ANSWER KEY

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Each Level includes 3 Sets of Task cards

Drawing Prompt

2 options for Answer Sheets

8 Full color Task cards

8 Ink Saver Task cards

Answer Keys

Task Card 1: There are 440 students at Lakewood Middle School in 6th, 7th, and 8th grade. Two-fifths of the students are 6th graders. How many 6th graders go to Lakewood?

Task Card 2: Last year, Kurt made \$2500 mowing lawns. He spent \$400 for gas in his mower, and the rest was profit. What fraction of his profit did he spend on gas?

Task Card 3: There are 1,200 members of the local gym. In a poll, $\frac{5}{12}$ of members said they wanted a swimming pool added to the gym and $\frac{1}{3}$ of those members also wanted a hot tub. How many members want a pool and a hot tub?

Task Card 4: Camille bought $\frac{1}{4}$ ton of dirt for her garden. She needs to divide it into piles that are $\frac{1}{8}$ of a ton. How many piles should she make?

Task Card 5: The dirt cost \$20 for one ton. If Camille paid \$15 for $\frac{1}{4}$ of a ton, draw a dolphin jumping out of the water.

Task Card 6: Camille needs $\frac{1}{4}$ ton more dirt. If she can divide it into two piles that are $\frac{1}{8}$ of a ton each, draw a shark cage around the diver.

Task Card 7: A teacher has an $1\frac{1}{2}$ " binder for each of her 28 students. How many binders will fit on a shelf that is 18" wide?

Task Card 8: The Smith family can usually drive to their favorite vacation spot in 2 $\frac{1}{4}$ hours. This time they get caught in a storm and it takes them 5 hours. How much time did the storm add to their trip?

Task Card 9: The storm is over when they drive home and it takes them the normal 2 $\frac{1}{4}$ hours. If they spend 7 $\frac{1}{4}$ hours driving altogether, draw the bottom of a boat at the top of the page.

Task Card 10: If the teacher will fill up 2 $\frac{1}{2}$ shelves with binders, draw a shark cage around the diver.

Task Card 11: The teacher decides to use 2" binders. If she fills up exactly 3 shelves with binders for her students, draw a scuba diver's mask.

Task Card 12: If the Smith family normally spends 5 $\frac{1}{4}$ hours driving both ways, draw another shark.

Task Card 13: At one time, only $\frac{1}{4}$ of the world's population lived in cities. If $\frac{1}{2}$ of the world's population lived in cities, draw a scuba diver's mask.

Task Card 14: For lunch, Mom serves Lily, Sophia, and Tom canned peaches. The can holds $1\frac{1}{2}$ cups and each gets an equal amount of peaches. What is $\frac{1}{3}$ of the can?

Task Card 15: Mom also serves canned corn, which has $1\frac{1}{2}$ cups per can. If each person gets $\frac{1}{4}$ cup of corn, draw a fish swimming above the seaweed.

Task Card 16: If both came together equal 2 $\frac{1}{2}$ cups of food, draw bubbles coming from the scuba diver's mask.

Task Card 17: Students on a field trip to a gold mine get to keep $\frac{1}{4}$ of any gold they can. Doné finds $\frac{3}{4}$ of an ounce. How much does he get to keep?

Task Card 18: Doné's friend Nora finds $\frac{1}{2}$ of an ounce. If she gets to keep $\frac{1}{4}$ of an ounce, draw the sun in the sky.

Task Card 19: If Doné and Nora get to keep $\frac{1}{4}$ of an ounce combined, draw a rainbow in the sky.

Task Card 20: Sam squeezes $\frac{3}{4}$ cup of fresh orange juice. He uses $\frac{1}{4}$ cup of the juice to make a smoothie. How much will be left?

Task Card 21: If Sam has $\frac{1}{4}$ cup of juice left, draw a clownfish by the seaweed.

Task Card 22: If Sam has $\frac{3}{4}$ cup of juice left, floating on the water.

Task Card 23: Nana walks on the 2 $\frac{1}{4}$ mile trail around the lake 6 days a week. How many miles does she walk in a month (4 weeks)?

Task Card 24: If Nana walks 9 miles, draw a clownfish by the seaweed.

Task Card 25: If Nana walks 54 miles, draw a crab ready to pinch the diver.

Task Card 26: There are 18 chocolate bars in a box. What fraction of the box is white chocolate? What fraction is milk chocolate?

Task Card 27: The box is $\frac{1}{4}$ white chocolate. If there are 5 pieces of white chocolate, draw a clam shell on the sea floor.

Task Card 28: The box is $\frac{1}{4}$ extra dark chocolate. If there are 3 pieces of extra dark chocolate, draw eyebrows on one of the sharks.

Task Card 29: The NBA needs to have at least 8 active players and 5 players on the court. If the fraction of NBA players on the court is larger than the fraction of the NFL players on the field, draw bubbles coming from the scuba diver's mask.

Task Card 30: If the NBA needs to have at least 8 active players and 5 players on the court, if the fraction of NBA players on the court is larger than the fraction of the NFL players on the field, draw a puffer fish.

Task Card 31: If the NBA needs to have at least 8 active players and 5 players on the court, if the fraction of NBA players on the court is larger than the fraction of the NFL players on the field, draw a puffer fish.

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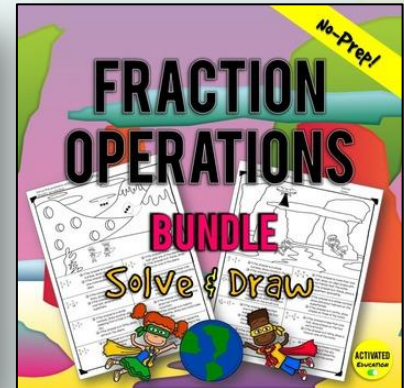
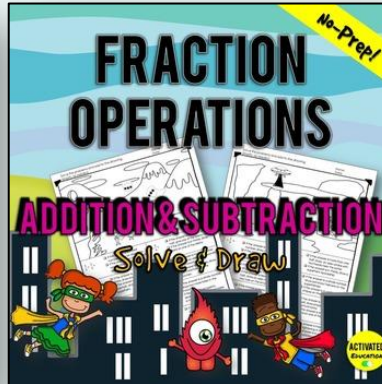
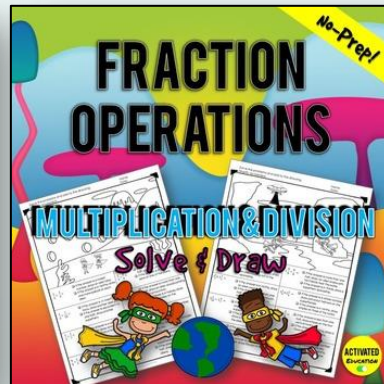
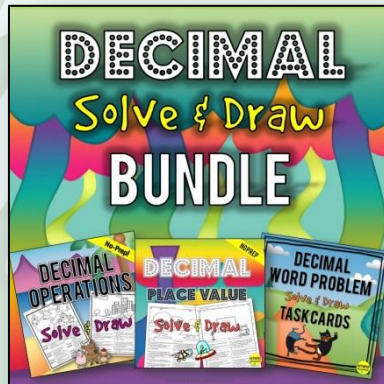
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Thank you!



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