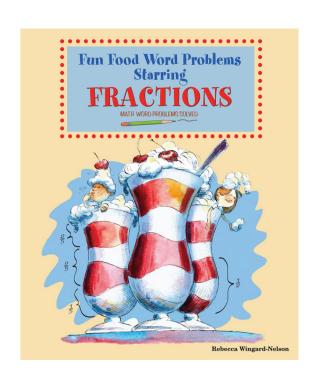


Math Word Problems Solved Reproducible Worksheets

Reproducible Worksheets for:

Fun Food Word Problems Starring Fractions

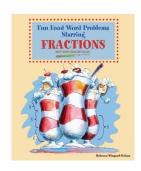


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Math Word Problems Solved Reproducible Worksheets

Reproducible Worksheets for:

Fun Food Word Problems Starring Fractions



These worksheets practice math concepts explained in Fun Food Word Problems Starring Fractions (ISBN: 978-0-7660-2919-4), written by Rebecca Wingard-Nelson.

Math Word Problems Solved reproducible worksheets are designed to help teachers, parents, and tutors use the books from the Math Word Problems Solved series in the classroom and the home. The answers to the problems are contained in the Answers section starting on page 38.

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Problem-Solving Steps

Here's the problem.

Harold's family ordered an extra super deluxe supreme pizza. They ate 1/4 of the pizza in the parking lot and another 2/4 in the car on the way home. In all, how much pizza was eaten before they got home?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense? Is the math correct?

What other plan could you use to solve this problem?

Problem-Solving Steps

Here's the problem.

Melody had a salesclerk fill a container with 5/8 pound of coleslaw. She decided she needed a little more, so the salesclerk added 2/8 pound more. In all, how much coleslaw did Melody purchase?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Daniel and his friends roasted 2/5 of a bag of marshmallows. Daniel's sister and her friends roasted another 1/5 of the bag of marshmallows. In all, how much of the bag of marshmallows was roasted?

Name			
1401110			

Date

Use a Picture

Draw a picture that uses fractions. Write a problem whose answer is found by looking at the picture.

Use a Picture

Here's the problem.

Solve the problem you wrote on the previous page.

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

What plan do you need to use to solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Could you have solved this problem a different way?

Fraction Strips

Here's the problem.

Abby used 1/5 of a mango in her fruit smoothie. Mac used 1/4 of a mango in his. Who used more mango? Use fraction strips to solve his problem.

Read and understand the problem.

What do you know?

What are you trying to find?

What kind of problem is this?

Make a plan.

What plan does the problem tell you to use?

Solve the problem.

Carry out your plan.

Look back.

Could you have solved this problem a different way?

Name	

Date _____

Fraction Strips

Here's the problem.

Stan ate 1/3 of a banana in his cereal and gave 1/6 of the banana to his little sister to eat. Who ate more of the banana, Stan or his little sister? Use fraction strips to solve this problem.

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Julie picked a cup of blueberries. She put 3/4 of the berries in the berry basket and ate 2/8 of the berries. Did she put more in the basket or did she eat more of the blueberries?

More Than One Question

Here's the problem.

Barry made a 24-inch submarine sandwich and a 12-inch submarine sandwich. He cut each sandwich into four equal pieces. What fraction represents one piece of a sandwich? Are all eight of the pieces the same?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Could you have solved this problem a different way?

More Than One Question

Here's the problem.

Ruth made a footlong hotdog and a regular 8-inch hotdog. She cut each hotdog into 2 equal pieces. What fraction represents one piece of a hotdog? Are all four of the pieces the same size?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Raymond had a giant-size candy bar and a mini candy bar. He cut each candy bar into 3 equal pieces. What fraction represents one piece of candy? Are all six of the pieces the same?

Date _____

Use a Model

Here's the problem.

Neil gave his brother 1/2 a bag of sour gummy worms. There are 14 worms in a bag. How many worms did Neil give his brother?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

What kind of model can you use to solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense?

Use a Model

Here's the problem.

Ruthie has a bag with 15 chocolate candies. She gave her friend 1/3 of them. How many chocolate candies did Ruthie give to her friend?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Hagan has 12 licorice sticks.. He shared 1/4 of them with his sister. How many licorice sticks did Hagan give to his sister?

More Comparing

Here's the problem.

Morgan and Tina each had 120 jelly beans. Morgan ate 2/8 of her jelly beans. Tina ate 5/8 of her jelly beans. Who ate more jelly beans?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense?

What other plan could you use to solve this problem?

More Comparing

Here's the problem.

Hosea and Jacob's mother hid 15 eggs in the backyard. Hosea found 3/5 of the eggs and Jacob found 2/5 of the eggs. Who found the most eggs?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Jackie and Ellis filled 14 celery sticks with peanut butter for a family picnic. Jackie filled 3/7 of the celery sticks and Ellis filled 4/7 of the celery sticks. Who filled more celery sticks?

Equivalent Fractions

Here's the problem.

Julia and Darlene each bought french fries at the fair. Darlene put vinegar on 1/2 of her french fries. Julia put vinegar on 2/4 of her french fries. Julia said she must like it more, since she put vinegar on more of hers. Is she right?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Did you include units in your answer?

What other plan could you use to solve this problem?

Equivalent Fractions

Here's the problem.

Jesse put toppings on his salad. One fourth (1/4) of his toppings were cherry tomatoes and two eighths (2/8) of his toppings were olives. Did Jesse use more olives or more cherry tomatoes on his salad?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Satchel is planting a vegetable garden. He planted 1/3 of his garden with green beans and 2/6 of his garden with peas. Did Satchel plant more peas or more green beans in his garden?

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Simplify

Here's the problem.

Octavian cut a pan of brownies into 12 squares. He put gooey fudge frosting on 6 of the squares. Write a fraction in simplest form to show how many brownies had frosting.

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense? Is the math correct?

Date

Simplify

Here's the problem.

Joanna made an fruit dip snack. She cut a pear into 8 slices. She ate 6 of the pear slices with fruit dip. Write a fraction in simplest form to show how many pear slices she ate with fruit dip.

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Abner popped 6 cups of popcorn. He ate 2 cups of the popcorn. Write a fraction in simplest form to show how many cups of popcorn Abner ate.

Date _____

Clue Words

Here's the problem.

Dakota had 1/3 pint of rocky road ice cream and another 1/3 pint of cookie dough ice cream. How much ice cream did she have in all?

What clue word is used in this problem?

What operation should you use?

Here's the problem.

Dakota had a total of 4/5 pint of ice cream. She ate the 1/5 pint that was vanilla, and only the peach sherbet was left. How much of Dakota's ice cream was peach sherbet?

What clue word is used in this problem?

What operation should you use?

Want to do more? See if you can go back and solve the problems using the four problem-solving steps.

Clue Words

Here's the problem.

Carson made trail mix to take with him on his hike. He combined 5/8 cup of nuts with 2/8 cup of dried fruit. How much trail mix did he make?

What clue word is used in this problem?

What operation should you use?

Here's the problem.

Carson made 7/10 quart of trail mix to take with him on his hike. He used 3/10 cup of nuts and the rest was dried fruit. How much more fruit did he use than nuts? What clue words are used in this problem?

What operation should you use?

Want to do more? See if you can go back and solve the problems using the four problem-solving steps.

Name

Date

Equations

Here's the problem.

Paige had some fresh farm eggs. First, she scrambled 1/8 of the eggs. Then she made custard with another 5/8 of the eggs. What fraction of the eggs did Paige use?

Read and understand the problem.

What do you know?

What are you trying to find?

Are there any clue words in the problem?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Did you start with the right numbers? What other plan could you use to solve this problem?

Name		
Hallic		

Date _____

Equations

Here's the problem.

Shane made guacamole dip. His family used 3/8 of the guacamole on their burritos and 2/8 of the guacamole as a vegetable dip. What fraction of the guacamole was used in all?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Victoria ate 3/5 cup of spaghetti squash with marinara sauce and she ate 1/5 cup with butter and brown sugar. How much spaghetti squash did Victoria eat in all?

Measurements

Here's the problem.

Eddie bought 5/6 pound of potato salad. He gave his dog 1/6 pound and ate what was left himself. How much potato salad did Eddie eat?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Is the math correct?

Measurements

Here's the problem.

Hannah made a necklace with colored cereal rings. She started her project with 3/4 cup of cereal rings, but ate 1/4 cup of them. How much cereal was left for her necklace?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Addy poured herself 7/8 cup of milk. She gave 2/8 cup of her milk to her cat. How much milk did Addy have left?

Make an Easier Problem

Here's the problem.

Fletcher made a loaf of banana bread. His dad ate 1/2 of it by himself as soon as it cooled. Then he ate 1/8 of it after dinner. What is the total amount of banana bread Fletcher's dad ate?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense?

Is the math correct?

Make An Easier Problem

Here's the problem.

Alaina and her mother worked 1/2 hour mixing cookie ingredients and baking. They worked 1/4 hour cleaning up the cookie mess. What is the total time they worked on the cookies together?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Mason baked homemade bread. He made the dough and let it rise 2/3 of an hour. Then he punched the dough down and put it in a loaf pan. He let the dough rise another 5/6 of an hour. What is the total time Mason let his dough rise?

Start with One

Here's the problem.

Palmer filled 5/8 of his taco with cheese, and the rest with meat. What fraction of his taco was filled with meat?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense?

Is the math correct?

Start with One

Here's the problem.

Ava made a pitcher of iced tea. She poured 3/5 of the tea into glasses for her family and stored the rest in the refrigerator. How much of the tea did she store? Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Logan filled 3/4 of his plate with spaghetti, and the rest with salad. What fraction of his plate was filled with salad?

Break It Apart

Here's the problem.

Anna won't eat peas, but her mother put 1/2 cup of them on her plate. She hid 1/6 cup in her pocket, and 1/6 cup under the cushion of her chair. How much does she have left to hide?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Read the problem again. Did you miss any information? Is the math correct?

What other plan could you use to solve this problem?

Break It Apart

Here's the problem.

Alyssa used 1/2 pound of sliced hard sausage to make snacks. She put pickles on 1/8 pound of the sausage slices and cheese on 1/8 pound of the sausage slices. How much of the sliced sausage does not have a topping? Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

There is 3/4 cup of whipped topping in a bowl. Owen used 3/8 cup in his hot chocolate and 1/8 cup in his sister's hot chocolate. How much of the whipped topping is left?

Hidden Information

Here's the problem.

Colleen needs 1 1/4 dozen doughnuts for her 4-H club. How many doughnuts does Colleen need?

Read and understand the problem.

What do you know?

What are you trying to find?

Is there any hidden information?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

What other plan could you use to solve this problem?

Hidden Information

Here's the problem.

Chloe used 1 1/2 pounds of strawberries and 1 pound of rhubarb as a pie filling. How many ounces of pie filling did Chloe use?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Byron made a cake that was 3 1/2 feet long. How many inches long was the cake?

Use a Number Line

Here's the problem.

Alex's favorite food is burritos. For lunch, he ate 1 1/2 burritos. As a snack, he ate another 1/2 burrito. How many burritos did Alex eat in all? Use a number line to add.

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

What plan does this problem tell you to use?

Solve the problem.

Carry out your plan.

Look back.

What other plan could you use to solve this problem?

Which plan is easier for you?

Use a Number Line

Here's the problem.

Asher likes to make his own vegetable juice. He juiced 2 1/2 pounds of carrots and 1/2 pound of beets. How many pounds of vegetables did he juice in all? Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Marcia bought 3 1/2 pounds of steak at the butcher. She already had 1 1/2 pounds of steak at home. How many pounds of steak does she have in all?

Too Much Information

Here's the problem.

Haylee chopped 6 cups of tomatoes, 2 3/4 cups of green peppers, 1 1/4 cups of hot peppers, and 3 1/2 cups of onions to make salsa. How much more green peppers did she chop than hot peppers?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Does your answer make sense? Why or why not?

Does your answer match the problem?

Too Much Information

Here's the problem.

Nicole and her friend made butter. Nicole poured 3/4 cup of cream into a pint jar for herself and 1/2 cup of cream into another pint jar for her friend. She measured 1/8 tsp. of salt to use in her butter when she finished making it. How much more cream did Nicole put in her own jar than in her friend's jar?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Wayne uses flour to make dough art. He made stars with 2 1/2 cups of flour, necklaces with 1 1/2 cups of flour, and jungle animals with 3 1/2 cups of flour. How much more flour was used for making animals than was used for making necklaces?

Estimation

Here's the problem.

Sam set up a lemonade stand. He sold 4 4/5 liters of lemonade the first hour and 5 1/4 liters the next hour. About how many liters did he sell in the two hours together?

Read and understand the problem.

What do you know?

What are you trying to find?

Make a plan.

Do you need an exact answer? How can you solve this problem?

Solve the problem.

Carry out your plan.

Look back.

Is the math correct?

Find the exact answer. Is your estimate close to the exact answer?

Name	Date

Estimation

Here's the problem.

Marie picked 6 1/2 gallons of green beans and 8 1/4 gallons of peas from her garden. About how many gallons of vegetables did Marie pick?

Read and understand the problem.

Make a plan.

Solve the problem.

Look back.

Want to try another one?

Brody took 10 3/4 quarts of strawberries from his strawberry patch to sell at the farmer's market. He sold 6 1/8 quarts before noon. About how many quarts of strawberries did Brody have left to sell?

Answers

Problem-Solving Steps

Page 2: 3/4 of the pizza was eaten before they got home.

<u>Page 3:</u> Melody purchased 7/8 pound of coleslaw in all.

Want to try another one? 3/5 of the bag of marshmallows was roasted.

Use a Picture

Pages 4 and 5: Answers will vary. Check student understanding.

Fraction Strips

Page 6: Mac used more mango.

<u>Page 7:</u> Stan ate more of the banana.

Want to try another one? Julie but more berries in the basket.

More Than One Question

<u>Page 8:</u> One piece is I/4 of a sandwich. No. All eight pieces are not the same size.

Page 9: One piece is 1/2 of a hotdog. No, all four pieces are not the same size. Want to try another one? One piece is 1/3 of a candy bar. No. All six pieces are not the same size.

Use a Model

Page 10: Neil gave his brother 7 gummy worms.

<u>Page 11:</u> Ruthie gave 5 chocolate candies to her friend.

Want to try another one? Hagan gave his sister 3 licorice sticks.

More Comparing

Page 12: Tina ate more jelly beans.

Page 13: Hosea found more eggs.

Want to try another one? Ellis filled more celery sticks.

Equivalent Fractions

<u>Page 14:</u> Julia is not correct. She and Darlene put vinegar on the same amount of french fries.

Page 15: Jesse put the same amount of olives and cherry tomatoes on his salad. Want to try another one? Satchel planted the same amount of peas and green beans in his garden.

Simplify

Page 16: 1/2 of the brownies had frosting.

Page 17: Joanna ate 3/4 of the pear with fruit dip.

Want to try another one? Abner ate 1/3 of the popcorn.

Clue Words

Page 18: Clue word: another; operation: addition

Clue word: left; operation: subtraction

Want to do more? Dakota had 2/3 pint of ice cream.

3/5 pint of Dakota's ice cream was peach sherbet.

Page 19: Clue word: combined; operation: addition

Clue words: how much more; operation: subtraction

Want to do more? Carson made 7/8 cup of trail mix.

Carson used 4/10 (or 2/5) quart more fruit than nuts.

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Equations

Page 20: Paige used 3/4 of the eggs.

Page 21: 5/8 of the guacamole was used in all.

Want to try another one? Victoria ate 4/5 cup of spaghetti squash in all.

Measurements

Page 22: Eddie ate 2/3 pound of potato salad.

Page 23: 1/2 cup of cereal was left for her necklace.

Want to try another one? Addy had 5/8 cup of milk.

Make an Easier Problem

Page 24: Fletcher's dad ate 5/8 of the banana bread.

Page 25: They worked on the cookies for 3/4 hour.

Want to try another one? Mason let the dough rise for 1 1/2 hours.

Start with One

Page 26: 3/8 of Palmer's taco was filled with meat.

Page 27: Ava stored 2/5 of the tea.

Want to try another one? I/4 of Logan's plate was filled with salad.

Break It Apart

Page 28: She has I/6 cup of peas left to hide.

Page 29: 1/4 pound of sliced sausage does not have a topping.

Want to try another one? I/4 cup of whipped topping is left.

Hidden Information

Page 30: Colleen needs 15 doughnuts.

(Hidden information: A dozen is 12.)

Page 31: Chloe used 40 ounces of pie filling.

(Hidden information: A pound is 16 ounces.)

Want to try another one? Byron's cake was 42 inches long.

(Hidden information: A foot is 12 inches.)

Use a Number Line

Page 32: Alex ate 2 burritos in all.

Page 33: Asher juiced 3 pounds of vegetables.

Want to try another one? Marcia had 5 pounds of steak in all.

Too Much Information

Page 34: Haylee chopped 1 1/2 cups more green peppers than hot peppers.

Page 35: Nicole put 1/4 cup more cream in her own jar than in her friend's. Want to try another one? Wayne used 2 cups more flour for making animals than for making necklaces.

Estimation

Page 36: Sam sold about 10 liters of lemonade in the two hours.

Page 37: Marie picked about 15 gallons of vegetables.

Want to try another one? Brody has about 5 quarts more strawberries to sell.