

# The Great Food Festival: A Decimal Adventure

Math

Grade 4

Food Theme

Help Chef Carrot and the Food Friends navigate the exciting decimal challenges at their magical Food Festival!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_ / 8

1

Chef Carrot is preparing vegetable sticks for the festival. She has 3.5 pounds of carrots and 2.3 pounds of celery. How many pounds of vegetables does Chef Carrot have in total?

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\_\_\_\_\_

2

Penny the Pizza is sliced into pieces for the hungry festival visitors. She started with 8.7 slices but gave away 3.2 slices to hungry dancers. How many slices of pizza does Penny have left?

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\_\_\_\_\_

3

Berry the Strawberry is making jam for the festival. The recipe calls for 4.6 cups of strawberries, but Berry only has 2.1 cups. How many more cups of strawberries does Berry need?

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4

Biscuit the Baker is creating a tower of cookies. Each cookie layer is 0.8 inches tall. If Biscuit stacks 5 cookies on top of each other, how tall is the cookie tower in inches?

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5

Olive the Oil vendor is pouring special olive oil into bottles for the festival. She has 9.4 liters of oil and wants to divide it equally into 2 bottles. How much oil goes into each bottle?

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6

Noodle the Pasta is racing across the festival grounds. In the first race, Noodle ran 6.8 meters. In the second race, Noodle ran 5.3 meters. What is the total distance Noodle ran?

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7

Cheese the Cheddar is building a delicious cheese tower at the booth. He has 7.9 pounds of cheese total. He uses 3.4 pounds for the tower. How much cheese does Cheese have remaining?

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8

Grape the Grape is selling juice at the festival stand. Each cup of juice contains 0.5 liters. If Grape sells 6 cups of juice, how many liters of juice did Grape sell in total?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Chef Carrot is preparing vegetable sticks for the festival. She has 3.5 pounds of carrots and 2.3 pounds of celery. How many pounds of vegetables does Chef Carrot have in total?

ANSWER

5.8 pounds

2

Penny the Pizza is sliced into pieces for the hungry festival visitors. She started with 8.7 slices but gave away 3.2 slices to hungry dancers. How many slices of pizza does Penny have left?

ANSWER

5.5 slices

3

Berry the Strawberry is making jam for the festival. The recipe calls for 4.6 cups of strawberries, but Berry only has 2.1 cups. How many more cups of strawberries does Berry need?

ANSWER

2.5 cups

4

Biscuit the Baker is creating a tower of cookies. Each cookie layer is 0.8 inches tall. If Biscuit stacks 5 cookies on top of each other, how tall is the cookie tower in inches?

ANSWER

4.0 inches

5

Olive the Oil vendor is pouring special olive oil into bottles for the festival. She has 9.4 liters of oil and wants to divide it equally into 2 bottles. How much oil goes into each bottle?

ANSWER

4.7 liters

6

Noodle the Pasta is racing across the festival grounds. In the first race, Noodle ran 6.8 meters. In the second race, Noodle ran 5.3 meters. What is the total distance Noodle ran?

ANSWER

12.1 meters

7

Cheese the Cheddar is building a delicious cheese tower at the booth. He has 7.9 pounds of cheese total. He uses 3.4 pounds for the tower. How much cheese does Cheese have remaining?

ANSWER

4.5 pounds

8

Grape the Grape is selling juice at the festival stand. Each cup of juice contains 0.5 liters. If Grape sells 6 cups of juice, how many liters of juice did Grape sell in total?

ANSWER

3.0 liters