

# The Incredible Fractional Food Kingdom Adventures

Math

Grade 4

Food Theme

Help our brave Food Friends complete their magical quests by solving fraction problems and discovering treasures throughout the enchanted Food Kingdom!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

1

Princess Pizza was sliced into 8 equal pieces for the Royal Feast. Her best friend, Duke Donut, ate 3 slices. What fraction of Princess Pizza did Duke Donut eat?

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\_\_\_\_\_

\_\_\_\_\_

2

In the Carrot Kingdom's garden, Baron Broccoli planted 12 vegetable seeds.  $\frac{1}{3}$  of them were carrot seeds. How many carrot seeds did Baron Broccoli plant?

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\_\_\_\_\_

\_\_\_\_\_

3

Captain Cookie was baking cookies for the Great Bake-Off Tournament. He made 20 cookies total. If  $\frac{1}{4}$  of them were chocolate chip cookies, how many chocolate chip cookies did Captain Cookie bake?

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4

The Apple Orchard Adventure required Sir Strawberry to collect berries. He filled a basket that holds 16 strawberries. He already collected  $\frac{2}{4}$  of the basket. How many strawberries does Sir Strawberry have?

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5

Madame Muffin baked a giant muffin that was divided into 6 equal pieces. She gave  $\frac{2}{6}$  of the muffin to the Blueberry Bandits and  $\frac{1}{6}$  to the Chocolate Chip Crew. What fraction of the muffin is left?

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\_\_\_\_\_

6

In the Cheese Castle, Lord Lasagna had a recipe that needed  $\frac{3}{4}$  cup of cheese. He already used  $\frac{1}{4}$  cup of cheese. How much more cheese does Lord Lasagna need to add?

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7

The Sandwich Summit challenge required Chef Cheese to make 24 sandwiches. By lunchtime, the hungry crowd had eaten  $\frac{3}{4}$  of all the sandwiches. How many sandwiches were eaten?

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\_\_\_\_\_

\_\_\_\_\_

8

Professor Pretzel discovered an ancient treasure chest in the Snack Cavern containing 15 golden pretzels. If monsters guarding the chest took away  $\frac{2}{5}$  of the pretzels, how many golden pretzels did Professor Pretzel get to keep?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Princess Pizza was sliced into 8 equal pieces for the Royal Feast. Her best friend, Duke Donut, ate 3 slices. What fraction of Princess Pizza did Duke Donut eat?

ANSWER

**$\frac{3}{8}$**

2

In the Carrot Kingdom's garden, Baron Broccoli planted 12 vegetable seeds.  $\frac{1}{3}$  of them were carrot seeds. How many carrot seeds did Baron Broccoli plant?

ANSWER

**4 carrot seeds**

3

Captain Cookie was baking cookies for the Great Bake-Off Tournament. He made 20 cookies total. If  $\frac{1}{4}$  of them were chocolate chip cookies, how many chocolate chip cookies did Captain Cookie bake?

ANSWER

**5 chocolate chip cookies**

4

The Apple Orchard Adventure required Sir Strawberry to collect berries. He filled a basket that holds 16 strawberries. He already collected  $\frac{2}{4}$  of the basket. How many strawberries does Sir Strawberry have?

ANSWER

**8 strawberries**

5

Madame Muffin baked a giant muffin that was divided into 6 equal pieces. She gave  $\frac{2}{6}$  of the muffin to the Blueberry Bandits and  $\frac{1}{6}$  to the Chocolate Chip Crew. What fraction of the muffin is left?

ANSWER

**$\frac{3}{6}$  or  $\frac{1}{2}$**

6

In the Cheese Castle, Lord Lasagna had a recipe that needed  $\frac{3}{4}$  cup of cheese. He already used  $\frac{1}{4}$  cup of cheese. How much more cheese does Lord Lasagna need to add?

ANSWER

**$\frac{2}{4}$  or  $\frac{1}{2}$  cup**

7

The Sandwich Summit challenge required Chef Cheese to make 24 sandwiches. By lunchtime, the hungry crowd had eaten  $\frac{3}{4}$  of all the sandwiches. How many sandwiches were eaten?

ANSWER

**18 sandwiches**

8

Professor Pretzel discovered an ancient treasure chest in the Snack Cavern containing 15 golden pretzels. If monsters guarding the chest took away  $\frac{2}{5}$  of the pretzels, how many golden pretzels did Professor Pretzel get to keep?

ANSWER

**9 golden pretzels**

