

# Ancient Adventures: Fractions Through History

Math

Grade 3

History Theme

Help famous historical explorers and leaders solve fraction problems on their epic quests across time!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

1

Christopher Columbus is dividing his ship's supply of fresh water among the crew before sailing across the Atlantic Ocean in 1492. He has 8 barrels of water and needs to give  $\frac{1}{4}$  of them to the kitchen for cooking. How many barrels go to the kitchen?

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\_\_\_\_\_

2

Cleopatra, Queen of Egypt, is preparing a grand feast in her palace. She has 12 loaves of bread and decides that  $\frac{1}{3}$  of them should be given to the poor in Alexandria. How many loaves will the poor receive?

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\_\_\_\_\_

\_\_\_\_\_

3

King Tut's archaeologists discover a treasure chest with 20 golden coins. They decide to keep  $\frac{2}{5}$  of the coins in the museum and send the rest to the royal treasury. How many coins stay in the museum?

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\_\_\_\_\_

4

Joan of Arc is organizing soldiers for her army. She has 16 knights and assigns  $\frac{1}{2}$  of them to protect the castle gate and the other half to patrol the village. How many knights guard the gate?

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\_\_\_\_\_

5

Marco Polo is traveling the Silk Road with 24 bolts of silk fabric. After a long journey, he gives away  $\frac{1}{6}$  of his silk to traders as gifts. How many bolts did he give away?

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6

Benjamin Franklin is organizing a colonial printing press business. He orders 18 barrels of ink and uses  $\frac{2}{3}$  of them to print newspapers for Philadelphia. How many barrels of ink does he use?

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\_\_\_\_\_

\_\_\_\_\_

7

Harriet Tubman is leading a group of 20 people escaping along the Underground Railroad.  $\frac{3}{5}$  of the group are children who need extra rest stops. How many children are in the group?

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\_\_\_\_\_

\_\_\_\_\_

8

Leonardo da Vinci is planning his paintings for the year. He decides to paint  $\frac{1}{4}$  of his 12 planned masterpieces during the winter months in Milan. How many paintings will he complete in winter?

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# Answer Key

Math

Grade 3

For Parents and Teachers

1

Christopher Columbus is dividing his ship's supply of fresh water among the crew before sailing across the Atlantic Ocean in 1492. He has 8 barrels of water and needs to give  $\frac{1}{4}$  of them to the kitchen for cooking. How many barrels go to the kitchen?

ANSWER

2 barrels

2

Cleopatra, Queen of Egypt, is preparing a grand feast in her palace. She has 12 loaves of bread and decides that  $\frac{1}{3}$  of them should be given to the poor in Alexandria. How many loaves will the poor receive?

ANSWER

4 loaves

3

King Tut's archaeologists discover a treasure chest with 20 golden coins. They decide to keep  $\frac{2}{5}$  of the coins in the museum and send the rest to the royal treasury. How many coins stay in the museum?

ANSWER

8 coins

4

Joan of Arc is organizing soldiers for her army. She has 16 knights and assigns  $\frac{1}{2}$  of them to protect the castle gate and the other half to patrol the village. How many knights guard the gate?

ANSWER

8 knights

5

Marco Polo is traveling the Silk Road with 24 bolts of silk fabric. After a long journey, he gives away  $\frac{1}{6}$  of his silk to traders as gifts. How many bolts did he give away?

ANSWER

4 bolts

6

Benjamin Franklin is organizing a colonial printing press business. He orders 18 barrels of ink and uses  $\frac{2}{3}$  of them to print newspapers for Philadelphia. How many barrels of ink does he use?

ANSWER

12 barrels

7

Harriet Tubman is leading a group of 20 people escaping along the Underground Railroad.  $\frac{3}{5}$  of the group are children who need extra rest stops. How many children are in the group?

ANSWER

12 children

8

Leonardo da Vinci is planning his paintings for the year. He decides to paint  $\frac{1}{4}$  of his 12 planned masterpieces during the winter months in Milan. How many paintings will he complete in winter?

ANSWER

3 paintings