

# Pirate's Treasure Fractions: A High Seas Adventure

Math

Grade 4

Pirates Theme

Help Captain Redbeard and his pirate crew solve these fraction adventures on the seven seas!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_

/ 8

1

Captain Redbeard found a treasure chest containing 8 gold coins. He gave  $\frac{3}{8}$  of the coins to his first mate. How many gold coins did the first mate receive?

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2

Pirate Pete's ship sailed across the ocean. He completed  $\frac{2}{5}$  of his journey to Skull Island on Monday and  $\frac{1}{5}$  on Tuesday. What fraction of his journey has he completed so far?

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3

The pirate crew caught 12 barrels of fresh water. They used  $\frac{1}{4}$  of the barrels during the first week at sea. How many barrels did they use?

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4

Captain Scarlet's crew found a map divided into 6 equal sections. They had explored  $\frac{2}{6}$  of the map looking for treasure. What fraction of the map still needs to be explored?

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5

Young pirate Jack had 16 pieces of eight (silver coins). He lost  $\frac{1}{4}$  of his coins in a card game with Salty Dog Sam. How many coins did Jack lose?

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6

The pirate ship's sail was torn in a storm. The sail had 10 patches total. If  $\frac{3}{10}$  of the patches were red and  $\frac{4}{10}$  were blue, what fraction of the patches were either red or blue?

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7

Pirate Lucy baked 24 hardtack biscuits for the crew's voyage. She packed  $\frac{1}{3}$  of them in a barrel for the journey. How many biscuits did she pack?

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8

The pirate crew's treasure map showed they needed to travel to 5 different islands. They have already visited  $\frac{2}{5}$  of the islands. How many islands have they visited, and how many more do they need to visit?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Captain Redbeard found a treasure chest containing 8 gold coins. He gave  $\frac{3}{8}$  of the coins to his first mate. How many gold coins did the first mate receive?

ANSWER

**3 gold coins**

2

Pirate Pete's ship sailed across the ocean. He completed  $\frac{2}{5}$  of his journey to Skull Island on Monday and  $\frac{1}{5}$  on Tuesday. What fraction of his journey has he completed so far?

ANSWER

**$\frac{3}{5}$**

3

The pirate crew caught 12 barrels of fresh water. They used  $\frac{1}{4}$  of the barrels during the first week at sea. How many barrels did they use?

ANSWER

**3 barrels**

4

Captain Scarlet's crew found a map divided into 6 equal sections. They had explored  $\frac{2}{6}$  of the map looking for treasure. What fraction of the map still needs to be explored?

ANSWER

**$\frac{4}{6}$  or  $\frac{2}{3}$**

5

Young pirate Jack had 16 pieces of eight (silver coins). He lost  $\frac{1}{4}$  of his coins in a card game with Salty Dog Sam. How many coins did Jack lose?

ANSWER

**4 coins**

6

The pirate ship's sail was torn in a storm. The sail had 10 patches total. If  $\frac{3}{10}$  of the patches were red and  $\frac{4}{10}$  were blue, what fraction of the patches were either red or blue?

ANSWER

**$\frac{7}{10}$**

7

Pirate Lucy baked 24 hardtack biscuits for the crew's voyage. She packed  $\frac{1}{3}$  of them in a barrel for the journey. How many biscuits did she pack?

ANSWER

**8 biscuits**

8

The pirate crew's treasure map showed they needed to travel to 5 different islands. They have already visited  $\frac{2}{5}$  of the islands. How many islands have they visited, and how many more do they need to visit?

ANSWER

**2 islands visited, 3 islands remaining**