Pirate's Treasure Hunt: Computing Area on the High Seas

Math · Grade 3 · Pirates Theme

🏴‍☠️ **Help Captain Blackbeard and his crew calculate areas across their pirate adventures to find hidden treasure and protect their island hideouts!**

NAME _____

DATE _____

SCORE _____ / 8

1 Captain Blackbeard discovered a rectangular treasure map showing his secret vault. The vault door is 6 meters long and 4 meters wide. What is the area of the vault door that Captain Blackbeard must unlock?

2 Pirate Polly is painting her ship's square sail before the big adventure. Each side of the sail measures 5 feet. What is the total area of the sail that Polly needs to paint?

3 The crew is building a rectangular sandbox on Skull Island to practice their sword fighting. It measures 8 yards long and 3 yards wide. How much area do they have to train in?

4 A mysterious rectangular island that holds pirate gold measures 7 meters by 9 meters. Bluebeard wants to know the total area of the island to plan his search. What is the area?

5 Captain Redbeard's new pirate flag is a perfect square with sides that are 6 inches long. What is the area of the flag that will fly from his ship's mast?

6 The pirate crew found a rectangular chest filled with jewels that measures 10 centimeters long and 5 centimeters wide. What is the area of the top of the treasure chest?

7

Pirate Pete is creating a rectangular map showing safe harbor spots. His map measures 12 feet long and 4 feet wide. What is the total area of the map he's drawing?

8

The pirate crew discovered a square-shaped island perfect for hiding their loot. Each side of the island is 8 meters long. What is the area of this secret hideaway island?

Answer Key

Math · Grade 3 · For Parents and Teachers

1

Captain Blackbeard discovered a rectangular treasure map showing his secret vault. The vault door is 6 meters long and 4 meters wide. What is the area of the vault door that Captain Blackbeard must unlock?

ANSWER

24 square meters

2

Pirate Polly is painting her ship's square sail before the big adventure. Each side of the sail measures 5 feet. What is the total area of the sail that Polly needs to paint?

ANSWER

25 square feet

3

The crew is building a rectangular sandbox on Skull Island to practice their sword fighting. It measures 8 yards long and 3 yards wide. How much area do they have to train in?

ANSWER

24 square yards

4

A mysterious rectangular island that holds pirate gold measures 7 meters by 9 meters. Bluebeard wants to know the total area of the island to plan his search. What is the area?

ANSWER

63 square meters

5

Captain Redbeard's new pirate flag is a perfect square with sides that are 6 inches long. What is the area of the flag that will fly from his ship's mast?

ANSWER

36 square inches

6

The pirate crew found a rectangular chest filled with jewels that measures 10 centimeters long and 5 centimeters wide. What is the area of the top of the treasure chest?

ANSWER

50 square centimeters

7

Pirate Pete is creating a rectangular map showing safe harbor spots. His map measures 12 feet long and 4 feet wide. What is the total area of the map he's drawing?

ANSWER

48 square feet

8

The pirate crew discovered a square-shaped island perfect for hiding their loot. Each side of the island is 8 meters long. What is the area of this secret hideaway island?

ANSWER

64 square meters