

Pirate's Perimeter Adventure: Treasure Map Calculations

Math

Grade 3

Pirates Theme

□ Help Captain Blackbeard and his pirate crew calculate perimeters around their treasure islands, secret hideouts, and buried treasure locations!

NAME _____

DATE _____

SCORE _____ / 8

1

Captain Blackbeard is building a rectangular fence around his treasure chest hideout. The hideout is 8 meters long and 5 meters wide. What is the perimeter of the fence he needs to build?

2

Pirate Peggy discovered a square island shaped like a perfect square. Each side of the island measures 12 feet. She wants to walk around the entire island to search for buried treasure. How far will she walk?

3

The pirate ship's rectangular sail is 9 meters tall and 6 meters wide. To add golden trim around the edge of the sail, how many meters of trim does the pirate crew need?

4

Scurvy Sam found a rectangular treasure map that is 7 inches long and 4 inches wide. He wants to put a protective border around the entire map. What is the perimeter of the border he needs?

5

Three-Fingered Tom is digging up a square treasure pit that measures 10 feet on each side. He needs to mark the perimeter with rope so other pirates know where the treasure is hidden. How much rope does he need?

6

Captain Redtooth's pirate hideout is a rectangle with one side measuring 15 meters and another side measuring 8 meters. The crew is building a defensive wall all around the hideout. What is the total distance around the hideout?

7

Fearless Fiona discovered a square lagoon on Skull Island where she can hide her ship. Each side of the lagoon is 11 yards long. She plans to swim around the entire lagoon for exercise. How many yards will she swim?

8

Jolly Jack's rectangular pirate flag is 5 feet wide and 3 feet tall. He wants to sew decorative pirate symbols around the entire edge of the flag. What is the perimeter of the flag that needs decoration?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Captain Blackbeard is building a rectangular fence around his treasure chest hideout. The hideout is 8 meters long and 5 meters wide. What is the perimeter of the fence he needs to build?

ANSWER

26 meters

2

Pirate Peggy discovered a square island shaped like a perfect square. Each side of the island measures 12 feet. She wants to walk around the entire island to search for buried treasure. How far will she walk?

ANSWER

48 feet

3

The pirate ship's rectangular sail is 9 meters tall and 6 meters wide. To add golden trim around the edge of the sail, how many meters of trim does the pirate crew need?

ANSWER

30 meters

4

Scurvy Sam found a rectangular treasure map that is 7 inches long and 4 inches wide. He wants to put a protective border around the entire map. What is the perimeter of the border he needs?

ANSWER

22 inches

5

Three-Fingered Tom is digging up a square treasure pit that measures 10 feet on each side. He needs to mark the perimeter with rope so other pirates know where the treasure is hidden. How much rope does he need?

ANSWER

40 feet

6

Captain Redtooth's pirate hideout is a rectangle with one side measuring 15 meters and another side measuring 8 meters. The crew is building a defensive wall all around the hideout. What is the total distance around the hideout?

ANSWER

46 meters

7

Fearless Fiona discovered a square lagoon on Skull Island where she can hide her ship. Each side of the lagoon is 11 yards long. She plans to swim around the entire lagoon for exercise. How many yards will she swim?

ANSWER

44 yards

8

Jolly Jack's rectangular pirate flag is 5 feet wide and 3 feet tall. He wants to sew decorative pirate symbols around the entire edge of the flag. What is the perimeter of the flag that needs decoration?

ANSWER

16 feet