

Pirates of the Decimal Seas: A Mathematical Adventure

Math

Grade 4

Pirates Theme

□ Help Captain Redbeard and his pirate crew navigate the treacherous Decimal Seas by solving these swashbuckling math adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Captain Redbeard discovers three treasure chests filled with gold doubloons. The first chest contains 3.5 pounds of gold, the second contains 2.3 pounds, and the third contains 1.2 pounds. How many total pounds of gold did the Captain find?

2

Pirate Pete is dividing his supply of rum among his crew. He has 8.4 gallons of rum and wants to share it equally between 4 pirates. How many gallons does each pirate receive?

3

Scarlet the Sea Witch is measuring the length of rope needed for her ship's rigging. She needs 4.7 meters for the main sail and 3.8 meters for the jib sail. What is the total length of rope she needs?

4

Blackhook the Navigator is tracking his ship's speed across the ocean. On Monday, the ship traveled 12.6 nautical miles. On Tuesday, it traveled 15.4 nautical miles. How much farther did the ship travel on Tuesday than on Monday?

5

Young Timmy the Cabin Boy is filling water barrels for the crew. Each barrel holds 5.5 liters. If he fills 6 barrels completely, how many liters of water does he collect in total?

6

The Pirate Council is splitting the treasure from their latest raid. They collected 47.2 gold coins and need to divide it equally among 8 crew members. How many gold coins does each member get?

7

Captain Redbeard's map shows that Skull Island is 23.8 kilometers away and Treasure Cove is 15.3 kilometers away. What is the difference in distance between these two locations?

8

Three pirates found different amounts of jewels in a hidden cave. Pirate Anne found 9.4 jewels, Pirate Marcus found 7.8 jewels, and Pirate Elena found 6.5 jewels. What is the total number of jewels they discovered together?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Captain Redbeard discovers three treasure chests filled with gold doubloons. The first chest contains 3.5 pounds of gold, the second contains 2.3 pounds, and the third contains 1.2 pounds. How many total pounds of gold did the Captain find?

ANSWER

7.0 pounds

2

Pirate Pete is dividing his supply of rum among his crew. He has 8.4 gallons of rum and wants to share it equally between 4 pirates. How many gallons does each pirate receive?

ANSWER

2.1 gallons

3

Scarlet the Sea Witch is measuring the length of rope needed for her ship's rigging. She needs 4.7 meters for the main sail and 3.8 meters for the jib sail. What is the total length of rope she needs?

ANSWER

8.5 meters

4

Blackhook the Navigator is tracking his ship's speed across the ocean. On Monday, the ship traveled 12.6 nautical miles. On Tuesday, it traveled 15.4 nautical miles. How much farther did the ship travel on Tuesday than on Monday?

ANSWER

2.8 nautical miles

5

Young Timmy the Cabin Boy is filling water barrels for the crew. Each barrel holds 5.5 liters. If he fills 6 barrels completely, how many liters of water does he collect in total?

ANSWER

33.0 liters

6

The Pirate Council is splitting the treasure from their latest raid. They collected 47.2 gold coins and need to divide it equally among 8 crew members. How many gold coins does each member get?

ANSWER

5.9 gold coins

7

Captain Redbeard's map shows that Skull Island is 23.8 kilometers away and Treasure Cove is 15.3 kilometers away. What is the difference in distance between these two locations?

ANSWER

8.5 kilometers

8

Three pirates found different amounts of jewels in a hidden cave. Pirate Anne found 9.4 jewels, Pirate Marcus found 7.8 jewels, and Pirate Elena found 6.5 jewels. What is the total number of jewels they discovered together?

ANSWER

23.7 jewels

