

Ocean Adventures: Measuring Area with Sea Creatures

Math

Grade 3

Ocean Theme

Help our ocean friends find the area of their underwater homes and treasure maps by solving these exciting area adventure stories!

NAME _____

DATE _____

SCORE _____ / 8

1

Shelly the sea turtle is building a rectangular garden of seaweed. Her garden is 5 meters long and 4 meters wide. What is the total area of Shelly's seaweed garden?

2

Captain Crab discovered a square treasure chest buried in the sandy ocean floor. Each side of the square chest measures 3 meters. What is the area of the top of Captain Crab's treasure chest?

3

Ollie the octopus painted a rectangular mural on a rock wall to celebrate the Ocean Festival. The mural is 7 meters wide and 6 meters tall. How many square meters did Ollie paint?

4

Dolly the dolphin created a rectangular playground for baby fish to swim and play. It measures 8 meters long and 5 meters wide. What is the area of the playground?

5

Splashy the starfish found a square piece of coral reef that is perfect for a home. Each side measures 4 meters. What is the total area of Splashy's new coral reef home?

6

Wavey the whale shark is swimming through a rectangular kelp forest that measures 9 meters long and 3 meters wide. What is the area of the kelp forest that Wavey is exploring?

7

Sparkle the seahorse decorated a square dance floor with glowing shells. Each side of the dance floor is 6 meters long. How many square meters of floor did Sparkle decorate?

8

Bubbly the pufferfish inflated a rectangular bubble sanctuary for his friends. It is 10 meters long and 2 meters wide. What is the area of Bubbly's bubble sanctuary?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Shelly the sea turtle is building a rectangular garden of seaweed. Her garden is 5 meters long and 4 meters wide. What is the total area of Shelly's seaweed garden?

ANSWER

20 square meters

2

Captain Crab discovered a square treasure chest buried in the sandy ocean floor. Each side of the square chest measures 3 meters. What is the area of the top of Captain Crab's treasure chest?

ANSWER

9 square meters

3

Ollie the octopus painted a rectangular mural on a rock wall to celebrate the Ocean Festival. The mural is 7 meters wide and 6 meters tall. How many square meters did Ollie paint?

ANSWER

42 square meters

4

Dolly the dolphin created a rectangular playground for baby fish to swim and play. It measures 8 meters long and 5 meters wide. What is the area of the playground?

ANSWER

40 square meters

5

Splashy the starfish found a square piece of coral reef that is perfect for a home. Each side measures 4 meters. What is the total area of Splashy's new coral reef home?

ANSWER

16 square meters

6

Wavey the whale shark is swimming through a rectangular kelp forest that measures 9 meters long and 3 meters wide. What is the area of the kelp forest that Wavey is exploring?

ANSWER

27 square meters

7

Sparkle the seahorse decorated a square dance floor with glowing shells. Each side of the dance floor is 6 meters long. How many square meters of floor did Sparkle decorate?

ANSWER

36 square meters

8

Bubbly the pufferfish inflated a rectangular bubble sanctuary for his friends. It is 10 meters long and 2 meters wide. What is the area of Bubbly's bubble sanctuary?

ANSWER

20 square meters