

Underwater Area Adventures: Help the Ocean Friends Find Space!

Math

Grade 3

Underwater Theme

Help the underwater characters solve their area problems by calculating how much space they need for their ocean homes and activities!

NAME _____

DATE _____

SCORE _____ / 8

1

Shelly the sea turtle wants to create a rectangular garden of seaweed. The garden is 5 meters long and 4 meters wide. How many square meters of seaweed will fill her entire garden?

2

Finley the fish discovers a square cave that is perfect for his home. Each side of the cave entrance is 6 meters long. What is the total area of the cave entrance in square meters?

3

Octavia the octopus is painting her rock home. One wall is a rectangle that is 8 meters wide and 3 meters tall. What is the area of the wall she is painting?

4

Coral the crab decides to build a rectangular sandbox where baby crabs can play. It measures 7 meters long and 2 meters wide. How many square meters of sand does he need to fill the entire sandbox?

5

Splash the dolphin wants to rope off a square training area for his swimming lessons. Each side of the square is 9 meters. What is the area of his training space in square meters?

6

Marina the mermaid is decorating her rectangular mirror with shells. The mirror is 10 meters tall and 4 meters wide. What is the area of the mirror she will decorate?

7

Bubbles the seahorse creates a rectangular bed of sea grass. It is 6 meters long and 5 meters wide. How many square meters of sea grass will cover the entire bed?

8

Captain Whale marks out a square hunting ground for his pod's games. Each side measures 8 meters. What is the total area of the square hunting ground in square meters?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Shelly the sea turtle wants to create a rectangular garden of seaweed. The garden is 5 meters long and 4 meters wide. How many square meters of seaweed will fill her entire garden?

ANSWER

20 square meters

2

Finley the fish discovers a square cave that is perfect for his home. Each side of the cave entrance is 6 meters long. What is the total area of the cave entrance in square meters?

ANSWER

36 square meters

3

Octavia the octopus is painting her rock home. One wall is a rectangle that is 8 meters wide and 3 meters tall. What is the area of the wall she is painting?

ANSWER

24 square meters

4

Coral the crab decides to build a rectangular sandbox where baby crabs can play. It measures 7 meters long and 2 meters wide. How many square meters of sand does he need to fill the entire sandbox?

ANSWER

14 square meters

5

Splash the dolphin wants to rope off a square training area for his swimming lessons. Each side of the square is 9 meters. What is the area of his training space in square meters?

ANSWER

81 square meters

6

Marina the mermaid is decorating her rectangular mirror with shells. The mirror is 10 meters tall and 4 meters wide. What is the area of the mirror she will decorate?

ANSWER

40 square meters

7

Bubbles the seahorse creates a rectangular bed of sea grass. It is 6 meters long and 5 meters wide. How many square meters of sea grass will cover the entire bed?

ANSWER

30 square meters

8

Captain Whale marks out a square hunting ground for his pod's games. Each side measures 8 meters. What is the total area of the square hunting ground in square meters?

ANSWER

64 square meters