Desert Adventures: Perimeter Quest with Scorpions and Sand Dunes

Math   Grade 3   Desert Theme

🏜 **Help the desert creatures complete their perimeter challenges by solving each story adventure!**

NAME
_____

DATE
_____

SCORE
_____ / 8

1
Sammy the Scorpion wants to build a rectangular fence around his burrow to keep it safe from the hot desert sun. The burrow is 5 meters long and 3 meters wide. What is the perimeter of Sammy's fence?

2
Delia the Desert Lizard is racing around a square sand patch where she practices her lightning-fast runs. Each side of the square is 4 meters long. How far does Delia run if she goes around the entire square patch once?

3
Cactus Carl is planting a rectangular garden in the desert. He wants to put prickly pear plants around the edge. His garden is 7 meters long and 2 meters wide. What is the perimeter of Cactus Carl's garden?

4
Dusty the Desert Hare found a triangular water hole with sides measuring 6 meters, 5 meters, and 4 meters. Dusty wants to walk all the way around the water hole. What is the perimeter of the triangle?

5
Rita the Rattlesnake is creating a square dance floor in the sand for the desert celebration. Each side is 6 meters long. What is the perimeter of Rita's dance floor?

6
Ollie the Ostrich needs to fence a rectangular area to protect his nest from desert storms. The rectangle is 9 meters long and 4 meters wide. What is the perimeter of the fence Ollie needs?

7

Sandy the Sand Fox found a rectangular oasis that is 8 meters long and 5 meters wide. She wants to mark the boundary by walking around it. How many meters will Sandy walk?

8

Buzzard Bob is building a square nest platform out of twigs. He needs 28 meters of twigs total to go around the entire perimeter. If each side is the same length, how long is each side of Bob's square nest?

Answer Key

1

Sammy the Scorpion wants to build a rectangular fence around his burrow to keep it safe from the hot desert sun. The burrow is 5 meters long and 3 meters wide. What is the perimeter of Sammy's fence?

ANSWER

16 meters

2

Delia the Desert Lizard is racing around a square sand patch where she practices her lightning-fast runs. Each side of the square is 4 meters long. How far does Delia run if she goes around the entire square patch once?

ANSWER

16 meters

3

Cactus Carl is planting a rectangular garden in the desert. He wants to put prickly pear plants around the edge. His garden is 7 meters long and 2 meters wide. What is the perimeter of Cactus Carl's garden?

ANSWER

18 meters

4

Dusty the Desert Hare found a triangular water hole with sides measuring 6 meters, 5 meters, and 4 meters. Dusty wants to walk all the way around the water hole. What is the perimeter of the triangle?

ANSWER

15 meters

5

Rita the Rattlesnake is creating a square dance floor in the sand for the desert celebration. Each side is 6 meters long. What is the perimeter of Rita's dance floor?

ANSWER

24 meters

6

Ollie the Ostrich needs to fence a rectangular area to protect his nest from desert storms. The rectangle is 9 meters long and 4 meters wide. What is the perimeter of the fence Ollie needs?

ANSWER

26 meters

7

Sandy the Sand Fox found a rectangular oasis that is 8 meters long and 5 meters wide. She wants to mark the boundary by walking around it. How many meters will Sandy walk?

ANSWER

26 meters

8

Buzzard Bob is building a square nest platform out of twigs. He needs 28 meters of twigs total to go around the entire perimeter. If each side is the same length, how long is each side of Bob's square nest?

ANSWER

7 meters