

# Desert Adventures: Finding Area with Camels, Scorpions, and Sand!

Math

Grade 3

Desert Theme

Help the Desert characters measure their territories by calculating area in this sandy mathematical adventure!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_ / 8

1

Cami the Camel wants to create a rectangular watering hole in the desert that is 6 meters long and 4 meters wide. What is the area of Cami's watering hole?

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2

Sunny the Scorpion is building a square burrow to escape the heat. Each side of her burrow measures 5 meters. What is the total area of Sunny's underground home?

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3

Duke the Desert Dog is marking off a rectangular patch of shade under a palm tree that measures 8 meters by 3 meters. How much area does Duke have to rest in the cool shade?

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4

Petra the Prairie Dog is digging a square garden in the oasis with sides that are 7 meters long. She wants to plant desert flowers. What is the area of Petra's garden?

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5

Hank the Rattlesnake discovered a rectangular clearing in the desert that is 9 meters long and 2 meters wide. This is the perfect spot for sunbathing! What is the area of Hank's sunbathing spot?

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6

Salty the Lizard is painting a rectangular wall of rocks to mark his territory. The wall is 10 meters long and 6 meters tall. How much area does Salty need to paint?

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7

Wendy the Wild Horse claims a square piece of desert land with sides measuring 8 meters each for grazing. What is the total area of Wendy's grazing land?

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8

Otto the Ostrich is creating a rectangular sand nest that is 12 meters long and 4 meters wide to keep his eggs safe. What is the area of Otto's protective nest?

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# Answer Key

Math

Grade 3

For Parents and Teachers

1

Cami the Camel wants to create a rectangular watering hole in the desert that is 6 meters long and 4 meters wide. What is the area of Cami's watering hole?

ANSWER

24 square meters

2

Sunny the Scorpion is building a square burrow to escape the heat. Each side of her burrow measures 5 meters. What is the total area of Sunny's underground home?

ANSWER

25 square meters

3

Duke the Desert Dog is marking off a rectangular patch of shade under a palm tree that measures 8 meters by 3 meters. How much area does Duke have to rest in the cool shade?

ANSWER

24 square meters

4

Petra the Prairie Dog is digging a square garden in the oasis with sides that are 7 meters long. She wants to plant desert flowers. What is the area of Petra's garden?

ANSWER

49 square meters

5

Hank the Rattlesnake discovered a rectangular clearing in the desert that is 9 meters long and 2 meters wide. This is the perfect spot for sunbathing! What is the area of Hank's sunbathing spot?

ANSWER

18 square meters

6

Salty the Lizard is painting a rectangular wall of rocks to mark his territory. The wall is 10 meters long and 6 meters tall. How much area does Salty need to paint?

ANSWER

60 square meters

7

Wendy the Wild Horse claims a square piece of desert land with sides measuring 8 meters each for grazing. What is the total area of Wendy's grazing land?

ANSWER

64 square meters

8

Otto the Ostrich is creating a rectangular sand nest that is 12 meters long and 4 meters wide to keep his eggs safe. What is the area of Otto's protective nest?

ANSWER

48 square meters