

Arctic Adventure: Finding Perimeters with Polar Friends

Math

Grade 3

Arctic Theme

Help the Arctic animals measure the perimeters of their homes and hunting grounds by adding up all the sides!

NAME _____

DATE _____

SCORE _____ / 8

1

Pippa the polar bear is building a rectangular den in the ice. The den is 8 meters long and 5 meters wide. She needs to mark the perimeter with snow blocks to keep it safe. How many meters of snow blocks does she need?

2

Ollie the Arctic tern wants to fence his square nesting area to protect it from the wind. Each side of the square is 6 meters long. What is the total perimeter Ollie needs to fence?

3

Suki the seal is creating a rectangular sunbathing spot on the ice floe. It measures 9 meters on one side and 4 meters on another side. What is the perimeter of her special spot?

4

Kai the Arctic fox is marking a square territory in the snow to hunt for lemmings. Each side is 7 meters. What is the perimeter of Kai's hunting ground?

5

Nora the narwhal found a rectangular ice shelf measuring 12 meters by 3 meters that is perfect for resting. She wants to know the perimeter so she can measure how far it is around the whole shelf. What is the perimeter?

6

Benny the beluga whale discovered a square patch of open water for breathing that is 5 meters on each side. What is the perimeter of this special breathing hole?

7

Emma the snowy owl built a rectangular hunting range that is 10 meters long and 6 meters wide. She wants to know how far she travels if she flies around the entire perimeter. What distance does she fly?

8

Tundra the musk ox created a square shelter made of ice blocks with each side measuring 8 meters. What is the perimeter of his shelter?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Pippa the polar bear is building a rectangular den in the ice. The den is 8 meters long and 5 meters wide. She needs to mark the perimeter with snow blocks to keep it safe. How many meters of snow blocks does she need?

ANSWER

26 meters

2

Ollie the Arctic tern wants to fence his square nesting area to protect it from the wind. Each side of the square is 6 meters long. What is the total perimeter Ollie needs to fence?

ANSWER

24 meters

3

Suki the seal is creating a rectangular sunbathing spot on the ice floe. It measures 9 meters on one side and 4 meters on another side. What is the perimeter of her special spot?

ANSWER

26 meters

4

Kai the Arctic fox is marking a square territory in the snow to hunt for lemmings. Each side is 7 meters. What is the perimeter of Kai's hunting ground?

ANSWER

28 meters

5

Nora the narwhal found a rectangular ice shelf measuring 12 meters by 3 meters that is perfect for resting. She wants to know the perimeter so she can measure how far it is around the whole shelf. What is the perimeter?

ANSWER

30 meters

6

Benny the beluga whale discovered a square patch of open water for breathing that is 5 meters on each side. What is the perimeter of this special breathing hole?

ANSWER

20 meters

7

Emma the snowy owl built a rectangular hunting range that is 10 meters long and 6 meters wide. She wants to know how far she travels if she flies around the entire perimeter. What distance does she fly?

ANSWER

32 meters

8

Tundra the musk ox created a square shelter made of ice blocks with each side measuring 8 meters. What is the perimeter of his shelter?

ANSWER

32 meters