

Arctic Adventures: Measuring Area with Polar Friends

Math

Grade 3

Arctic Theme

Help our Arctic friends solve these exciting area problems by calculating the space they need for their adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Polar Petra is building an ice fishing shelter in the Arctic. She wants to make a rectangular floor that is 5 meters long and 4 meters wide. What is the area of her shelter's floor?

2

A baby seal named Splash found a rectangular ice floe (floating ice) to rest on. The ice floe measures 6 meters by 3 meters. What is the total area of the ice floe where Splash can play?

3

Walrus Wally is creating a rectangular garden of Arctic moss. His garden is 7 meters long and 2 meters wide. How much area does Wally's moss garden cover?

4

An Arctic fox named Frostbite needs to fence off a rectangular hunting ground. The ground measures 8 meters long and 5 meters wide. What is the area of Frostbite's hunting ground?

5

Narwhal Nora discovered a rectangular underwater cave to explore. The cave entrance is 9 meters wide and 4 meters tall. What is the area of the cave entrance that Nora can swim through?

6

Snowy the Arctic hare is building a rectangular burrow for her family. She wants the burrow to be 6 meters long and 6 meters wide. What is the area of Snowy's family burrow?

7

Glacier the ice bear is marking a rectangular territory on the ice sheet. His territory is 10 meters long and 3 meters wide. What is the total area of Glacier's territory?

8

Penguin Pete wants to create a rectangular playground on an ice berg. The playground will be 8 meters long and 7 meters wide. How much area will Pete's penguin playground have?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Polar Petra is building an ice fishing shelter in the Arctic. She wants to make a rectangular floor that is 5 meters long and 4 meters wide. What is the area of her shelter's floor?

ANSWER

20 square meters

2

A baby seal named Splash found a rectangular ice floe (floating ice) to rest on. The ice floe measures 6 meters by 3 meters. What is the total area of the ice floe where Splash can play?

ANSWER

18 square meters

3

Walrus Wally is creating a rectangular garden of Arctic moss. His garden is 7 meters long and 2 meters wide. How much area does Wally's moss garden cover?

ANSWER

14 square meters

4

An Arctic fox named Frostbite needs to fence off a rectangular hunting ground. The ground measures 8 meters long and 5 meters wide. What is the area of Frostbite's hunting ground?

ANSWER

40 square meters

5

Narwhal Nora discovered a rectangular underwater cave to explore. The cave entrance is 9 meters wide and 4 meters tall. What is the area of the cave entrance that Nora can swim through?

ANSWER

36 square meters

6

Snowy the Arctic hare is building a rectangular burrow for her family. She wants the burrow to be 6 meters long and 6 meters wide. What is the area of Snowy's family burrow?

ANSWER

36 square meters

7

Glacier the ice bear is marking a rectangular territory on the ice sheet. His territory is 10 meters long and 3 meters wide. What is the total area of Glacier's territory?

ANSWER

30 square meters

8

Penguin Pete wants to create a rectangular playground on an ice berg. The playground will be 8 meters long and 7 meters wide. How much area will Pete's penguin playground have?

ANSWER

56 square meters