

Mountain Peak Area Adventures: Help Our Alpine Friends!

Math

Grade 3

Mountains Theme

Help the mountain creatures solve their area problems by calculating how much space they need for their mountain adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Rocky the mountain goat wants to build a rectangular grazing pasture on the mountainside. The pasture is 8 meters long and 5 meters wide. How many square meters of grass will Rocky have to munch on?

2

Echo the eagle is creating a square nest on a rocky cliff. Each side of her nest is 6 meters long. What is the total area of Echo's cozy nest home?

3

Pip the mountain pika is gathering seeds and needs a rectangular storage area in the caves. It measures 7 meters by 4 meters. How much area does Pip need to store all those delicious seeds?

4

Snowball the yeti is creating a square snow fort at the peak. Each side of the fort is 9 meters long. What is the area of Snowball's magnificent ice fortress?

5

Granite the mountain bear wants to mark out a rectangular territory for hibernation. The territory is 12 meters long and 3 meters wide. How many square meters is Granite's special hibernation zone?

6

Luna the snow leopard is creating a rectangular sunbathing spot on a mountain ledge. It measures 10 meters by 6 meters. What is the total area where Luna can stretch and relax?

7

Blizzard the mountain hawk needs a rectangular hunting ground on the slopes. The ground is 11 meters long and 5 meters wide. How many square meters can Blizzard patrol for food?

8

Crystal the ice fox is creating a square training area for her young kits near the summit. Each side measures 8 meters. What is the area where the young foxes can learn and play?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Rocky the mountain goat wants to build a rectangular grazing pasture on the mountainside. The pasture is 8 meters long and 5 meters wide. How many square meters of grass will Rocky have to munch on?

ANSWER

40 square meters

2

Echo the eagle is creating a square nest on a rocky cliff. Each side of her nest is 6 meters long. What is the total area of Echo's cozy nest home?

ANSWER

36 square meters

3

Pip the mountain pika is gathering seeds and needs a rectangular storage area in the caves. It measures 7 meters by 4 meters. How much area does Pip need to store all those delicious seeds?

ANSWER

28 square meters

4

Snowball the yeti is creating a square snow fort at the peak. Each side of the fort is 9 meters long. What is the area of Snowball's magnificent ice fortress?

ANSWER

81 square meters

5

Granite the mountain bear wants to mark out a rectangular territory for hibernation. The territory is 12 meters long and 3 meters wide. How many square meters is Granite's special hibernation zone?

ANSWER

36 square meters

6

Luna the snow leopard is creating a rectangular sunbathing spot on a mountain ledge. It measures 10 meters by 6 meters. What is the total area where Luna can stretch and relax?

ANSWER

60 square meters

7

Blizzard the mountain hawk needs a rectangular hunting ground on the slopes. The ground is 11 meters long and 5 meters wide. How many square meters can Blizzard patrol for food?

ANSWER

55 square meters

8

Crystal the ice fox is creating a square training area for her young kits near the summit. Each side measures 8 meters. What is the area where the young foxes can learn and play?

ANSWER

64 square meters