

Dragons of Berk: The Perimeter Adventure

Math

Grade 3

Dragons Theme

□ Help Hiccup and his dragon friends measure the perimeters of their island adventures!

NAME _____

DATE _____

SCORE _____ / 8

1

Hiccup is building a rectangular training arena for Toothless. The arena is 8 meters long and 5 meters wide. What is the perimeter of the arena so Hiccup knows how much rope to buy for the fence?

2

Astrid discovers a square dragon nest on Dragon Island. Each side of the nest measures 6 meters. What is the perimeter around the nest that Astrid needs to mark with stones to keep it safe?

3

Snotlout's dragon, Hookfang, needs a rectangular pen with sides of 9 meters and 4 meters. Calculate the perimeter so Snotlout can build strong walls to contain his wild dragon.

4

Fishlegs is creating a square garden to grow dragon food. Each side of the garden is 7 meters long. What is the total perimeter Fishlegs must fence to keep wild dragons from eating all the plants?

5

Stormfly, Astrid's dragon, is flying around a rectangular Viking settlement that is 12 meters long and 8 meters wide. If Stormfly flies around the entire perimeter once, how far does she fly?

6

Meatlug helps Fishlegs mark a square dragon playground with sides of 5 meters each. What is the perimeter of the playground where young dragons can practice flying?

7

Toothless is guarding a rectangular dragon treasure vault that measures 11 meters by 6 meters. What is the perimeter of the vault that Toothless must patrol to protect the treasure?

8

The gang decides to build a square obstacle course for dragon training. Each side is 9 meters. Hiccup needs to know the perimeter so he can place markers at every meter. What is the total perimeter?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Hiccup is building a rectangular training arena for Toothless. The arena is 8 meters long and 5 meters wide. What is the perimeter of the arena so Hiccup knows how much rope to buy for the fence?

ANSWER

26 meters

2

Astrid discovers a square dragon nest on Dragon Island. Each side of the nest measures 6 meters. What is the perimeter around the nest that Astrid needs to mark with stones to keep it safe?

ANSWER

24 meters

3

Snotlout's dragon, Hookfang, needs a rectangular pen with sides of 9 meters and 4 meters. Calculate the perimeter so Snotlout can build strong walls to contain his wild dragon.

ANSWER

26 meters

4

Fishlegs is creating a square garden to grow dragon food. Each side of the garden is 7 meters long. What is the total perimeter Fishlegs must fence to keep wild dragons from eating all the plants?

ANSWER

28 meters

5

Stormfly, Astrid's dragon, is flying around a rectangular Viking settlement that is 12 meters long and 8 meters wide. If Stormfly flies around the entire perimeter once, how far does she fly?

ANSWER

40 meters

6

Meatlug helps Fishlegs mark a square dragon playground with sides of 5 meters each. What is the perimeter of the playground where young dragons can practice flying?

ANSWER

20 meters

7

Toothless is guarding a rectangular dragon treasure vault that measures 11 meters by 6 meters. What is the perimeter of the vault that Toothless must patrol to protect the treasure?

ANSWER

34 meters

8

The gang decides to build a square obstacle course for dragon training. Each side is 9 meters. Hiccup needs to know the perimeter so he can place markers at every meter. What is the total perimeter?

ANSWER

36 meters