

Dragons of Berk: Measuring Area Adventures

Math

Grade 3

Dragons Theme

□ Help Hiccup and the dragon riders calculate areas around Berk by solving these exciting area problems!

NAME _____

DATE _____

SCORE _____ / 8

1

Hiccup is building a new training arena for Toothless. The rectangular arena is 8 meters long and 6 meters wide. What is the total area of the training arena where Toothless can practice his flying moves?

2

Astrid is designing a square garden to grow fish for the dragons. Each side of the garden measures 5 meters. What is the area of Astrid's dragon fish garden?

3

Fishlegs discovers a rectangular cave where the Terrible Terrors live. The cave is 9 meters long and 4 meters wide. Calculate the area of the cave floor where all the little dragons rest.

4

Snotlout creates a square landing pad for his Hookfang on the village roof. Each side of the landing pad is 7 meters long. What is the area of the landing pad?

5

The dragon riders need to fence off a rectangular dragon nest that is 10 meters long and 3 meters wide. What is the total area they need to protect for the dragon eggs?

6

Ruffnut and Tuffnut find a rectangular treasure room filled with dragon treasures. The room measures 6 meters by 8 meters. What is the area of the treasure room where all the gold and jewels are stored?

7

Toothless wants his own special square resting spot in the Great Hall that is 4 meters on each side. What is the area of Toothless's cozy dragon bed?

8

The village needs to build a large rectangular food storage for all the dragon meals. The storage area is 12 meters long and 5 meters wide. Calculate the area of the dragon food storage building.

Answer Key

Math

Grade 3

For Parents and Teachers

1

Hiccup is building a new training arena for Toothless. The rectangular arena is 8 meters long and 6 meters wide. What is the total area of the training arena where Toothless can practice his flying moves?

ANSWER

48 square meters

2

Astrid is designing a square garden to grow fish for the dragons. Each side of the garden measures 5 meters. What is the area of Astrid's dragon fish garden?

ANSWER

25 square meters

3

Fishlegs discovers a rectangular cave where the Terrible Terrors live. The cave is 9 meters long and 4 meters wide. Calculate the area of the cave floor where all the little dragons rest.

ANSWER

36 square meters

4

Snotlout creates a square landing pad for his Hookfang on the village roof. Each side of the landing pad is 7 meters long. What is the area of the landing pad?

ANSWER

49 square meters

5

The dragon riders need to fence off a rectangular dragon nest that is 10 meters long and 3 meters wide. What is the total area they need to protect for the dragon eggs?

ANSWER

30 square meters

6

Ruffnut and Tuffnut find a rectangular treasure room filled with dragon treasures. The room measures 6 meters by 8 meters. What is the area of the treasure room where all the gold and jewels are stored?

ANSWER

48 square meters

7

Toothless wants his own special square resting spot in the Great Hall that is 4 meters on each side. What is the area of Toothless's cozy dragon bed?

ANSWER

16 square meters

8

The village needs to build a large rectangular food storage for all the dragon meals. The storage area is 12 meters long and 5 meters wide. Calculate the area of the dragon food storage building.

ANSWER

60 square meters