

Santa's Perimeter Adventures: Measuring Holiday Magic

Math

Grade 3

Holidays Theme

Help Santa and his friends measure around their magical holiday spaces by finding the perimeter in each festive adventure!

NAME _____

DATE _____

SCORE _____ / 8

1

Santa is decorating a rectangular Christmas tree farm with bright lights around the edge. The farm is 8 meters long and 5 meters wide. How many meters of lights does Santa need to go all the way around the farm?

2

Rudolph the red-nosed reindeer is building a square pen to rest in after delivering presents. Each side of the pen is 4 meters long. What is the perimeter of Rudolph's cozy pen?

3

Mrs. Claus is hanging garland around a rectangular gingerbread house kitchen. The kitchen is 9 meters long and 6 meters wide. How many meters of garland does she need to go around the entire kitchen?

4

The elves are building a square ice skating rink at the North Pole Workshop. Each side measures 7 meters. What is the distance around the entire ice rink?

5

Frosty the Snowman is decorating a rectangular snowball-throwing zone in the North Pole playground. It measures 10 meters on one side and 3 meters on the other side. What is the perimeter of the snowball zone?

6

The Christmas Angel wants to put a magical rope around a square gift-wrapping station. Each side of the station is 5 meters long. How many meters of rope does she need?

7

Jack Frost is creating a rectangular frozen candy cane garden. The garden is 12 meters long and 4 meters wide. What is the total distance around the candy cane garden?

8

The Nutcracker is building a square dance floor for the Christmas Eve Ball. Each side is 6 meters long. How many meters of tinsel border does he need around the dance floor?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Santa is decorating a rectangular Christmas tree farm with bright lights around the edge. The farm is 8 meters long and 5 meters wide. How many meters of lights does Santa need to go all the way around the farm?

ANSWER

26 meters

2

Rudolph the red-nosed reindeer is building a square pen to rest in after delivering presents. Each side of the pen is 4 meters long. What is the perimeter of Rudolph's cozy pen?

ANSWER

16 meters

3

Mrs. Claus is hanging garland around a rectangular gingerbread house kitchen. The kitchen is 9 meters long and 6 meters wide. How many meters of garland does she need to go around the entire kitchen?

ANSWER

30 meters

4

The elves are building a square ice skating rink at the North Pole Workshop. Each side measures 7 meters. What is the distance around the entire ice rink?

ANSWER

28 meters

5

Frosty the Snowman is decorating a rectangular snowball-throwing zone in the North Pole playground. It measures 10 meters on one side and 3 meters on the other side. What is the perimeter of the snowball zone?

ANSWER

26 meters

6

The Christmas Angel wants to put a magical rope around a square gift-wrapping station. Each side of the station is 5 meters long. How many meters of rope does she need?

ANSWER

20 meters

7

Jack Frost is creating a rectangular frozen candy cane garden. The garden is 12 meters long and 4 meters wide. What is the total distance around the candy cane garden?

ANSWER

32 meters

8

The Nutcracker is building a square dance floor for the Christmas Eve Ball. Each side is 6 meters long. How many meters of tinsel border does he need around the dance floor?

ANSWER

24 meters

