

Name: Class:

Perimeter word problems

1. Jerk wants to put a fence around his piece of land. One side of the fence is 14m , the second side is 10m. What is the perimeter of the rectangular fence?
2. Today, Mercy wants to measure the perimeter of her office. Her office floor is in a square form and one side is 25ft. What is the perimeter of Mercy's office.
3. Each side of a triangular garage has a width of 5 feet, a length of 10 feet and a height 8 feet. What is the perimeter of the garage?
4. A square whiteboard has sides that are 7 meters long. Find the perimeter of the whiteboard.
5. Gina's bedroom is an exact square. If Gina wants to measure the perimeter of her bedroom and one side of the bedroom is 5 meters long, what is the room's perimeter?
6. Ethel's father intends to fence his garden. Yesterday, he measured each side of the rectangular garden and wrote the measurement of 24 meters, 13 meters, 24 meters, and 13 meters. What is the perimeter of the garden?
7. Jude took a photo yesterday and demanded that the photographer print the photo with dimensions 30cm by 24cm. Find the perimeter of the photo.
8. A rectangular lid has a length of 13 centimeters and a width of 6 centimeters. What is the perimeter of the lid?
9. A rectangular kitchen is 17 meters long and 7 meters wide. Find the perimeter of the kitchen.



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1. Jerk wants to put a fence around his piece of land. One side of the fence is 14m, the second side is 10m. What is the perimeter of the rectangular fence?

First, let's imagine the fence and draw it.



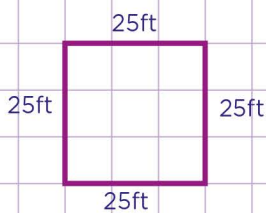
Now, let's add up all the side lengths of the rectangle to find the perimeter.

$$\begin{aligned} \text{Perimeter} &= (14 + 10 + 14 + 10)\text{m} \\ &= 48\text{m} \end{aligned}$$

So, the perimeter of the rectangular fence is 48 meters.

2. Today, Mercy wants to measure the perimeter of her office. Her office floor is in a square form and one side is 25ft. What is the perimeter of Mercy's office.

First, let's imagine the office floor and draw it.



Now, let's find the perimeter by adding up all the side lengths of the square.

We know that, a square has equal sides. So, all the sides are 25 feet long.

$$\begin{aligned} \text{Perimeter} &= (25 + 25 + 25 + 25)\text{ft} \\ &= 100\text{ft} \end{aligned}$$

So, the perimeter of Mercy's office is 100 feet.

