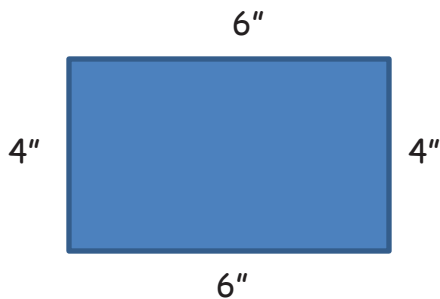# Figuring Perimeters of Rectangles

Directions: For each rectangle, find the perimeter and then describe your reasoning.
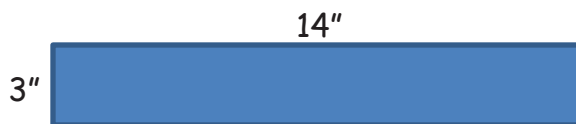
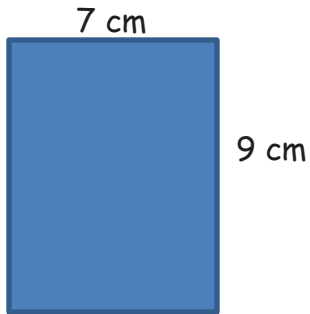1. What is the perimeter of the rectangle below? How did you figure it out?

    6"

    4"   4"

    6"

2. What is the perimeter of the picture frame on the right? How did you figure it out?

    8"

    12"   12"

    8"

3. What is the perimeter of the rectangle below? How did you figure it out?

    14"

    3"

4. What is the perimeter of the rectangle below? How did you figure it out?

7 cm

9 cm

5. The rectangle on the right has a width of 4 inches. The length is three times as long. Label the measurement of each side. Then figure out the perimeter. How did you figure it out?

6. A rectangle has a length of 18 inches. Its width is only half that size. Draw the rectangle. Then figure out the perimeter. How did you figure it out?

7. How many inches of wood trim would you need to buy to go around the window on the right? The trim is 3" wide. How did you figure it out?

36"

24"

8. The rectangular tablecloth on the left has a width of 44 inches. The length is two times as long. How many inches of narrow eyelet lace was used to trim the tablecloth? How did you figure it out?

9. A rectangle has a width of 11 inches. Its length is 4 times that size. Draw the rectangle. Then figure out the perimeter. How did you figure it out?

10. A farmer wants to put up a fence around one of his fields. The field is a 500-feet by 900-feet rectangle. He decides to create a fence like the example below, in which he has four rows of wire stapled to each post. How many feet of wire will he need, assuming no gate? [You might want to sketch a picture of the whole situation below.]

Posts
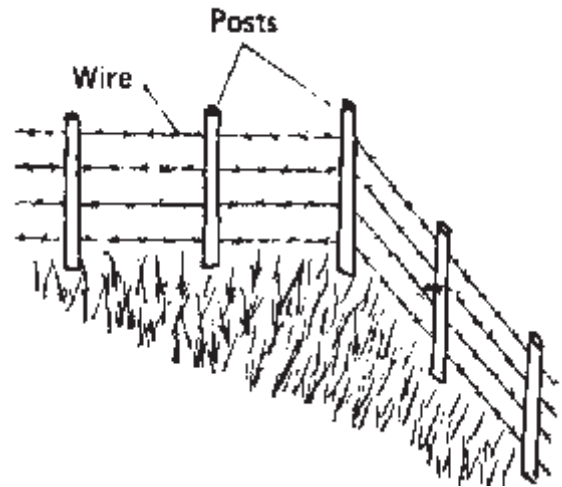
Wire

Explain how you figured out the amount of wire he would need.