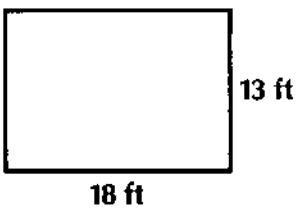
NAME _____ CLASS _____ DATE _____

Perimeter of a Rectangle

Find the perimeter of a rectangle 18 feet long and 13 feet wide.



Remember, the formula for finding the perimeter of a rectangle is $P = 2(l + w)$ where P = perimeter, l = length, and w = width.

$P = 2(l + w)$
$P = 2(18 + 13)$ Substitute the given length and width in the formula.
$P = 2(31)$ First, add within the parentheses.
$P = 62$ Then multiply.

The perimeter is 62 feet.

Choose the correct answer.

1. Find the perimeter of a rectangle with a width of 82 millimeters and a length of 106 millimeters.

   a. $3(82 + 106)$ **b.** $2(82 + 106)$ **c.** $2 \times 82 \times 106$ _____

2. Find the perimeter of a rectangle with a width of $4\frac{1}{2}$ inches and a length of $5\frac{11}{16}$ inches.

   a. $2(4\frac{1}{2} + 5\frac{11}{16})$ **b.** $2 + 4\frac{1}{2} + 5\frac{11}{16}$ **c.** $2 \times 4\frac{1}{2} \times 5\frac{11}{16}$ _____

Find the perimeter of each rectangle with the given dimensions.

3. $l = 4.5$ m
   $w = 2.7$ m
   _____

4. $l = 3\frac{3}{8}$ in.
   $w = 1\frac{3}{16}$ in.
   _____

5. $l = 4$ ft 8 in.
   $w = 2$ ft 7 in.
   _____

Solve.

6. What is the perimeter of a rectangle if its length is 58 centimeters and its width is 42 centimeters? _____

7. How many yards of fencing are required to fence a corral 100 yards by 96 yards?

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