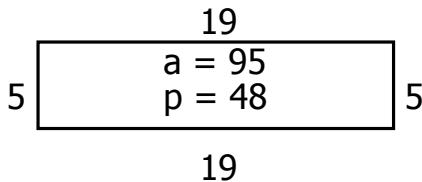


- A. The long side of a rectangle is 19 in.
 The short side is 14 in shorter than the long side.
 How long is the short side?
 What is the perimeter of the rectangle?
 What is the area of the rectangle?



a $19 - 14 = \underline{5}$
 $14 + \underline{5} = \underline{19}$

b $(5+5) + (19+19) = \underline{48}$
 $(2 \times 5) + (2 \times 19) = \underline{48}$
 $2 \times (5+19) = \underline{48}$

c $5 \times 19 = \underline{95}$

- a The short side is 5 in.
 b The rectangle's perimeter is 48 in.
 c The rectangle's area is 95 sq in.

- B. The long side of a rectangle is 29 in.
 The long side is 26 in longer than the short side.
 How long is the short side?
 What is the perimeter of the rectangle?
 What is the area of the rectangle?

- a The short side is in.
 b The rectangle's perimeter is in.
 c The rectangle's area is sq in.

- A. The short side of the rectangle is 7 ft.
The long side is 7 ft longer than the short side.
How long is the long side?
What is the perimeter of the rectangle?
What is the area of the rectangle?

- a The long side is ____ ft.
b The rectangle's perimeter is ____ ft.
c The rectangle's area is ____ sq ft.

-
- B. The short side of the rectangle is 4 ft.
The short side is 19 ft shorter than the long side.
How long is the long side?
What is the perimeter of the rectangle?
What is the area of the rectangle?

- a The long side is ____ ft.
b The rectangle's perimeter is ____ ft.
c The rectangle's area is ____ sq ft.

- A. The long side of a rectangle is 28 cm. The short side is 25 cm shorter than the long side. How long is the short side? What is the perimeter of the rectangle? What is the area of the rectangle?

- a The short side is ____ cm.
- b The rectangle's perimeter is ____ cm.
- c The rectangle's area is ____ sq cm.

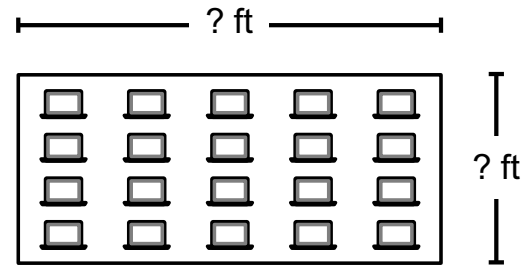
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- B. The long side of a rectangle is 14 cm. The long side is 8 cm longer than the short side. How long is the short side? What is the perimeter of the rectangle? What is the area of the rectangle?

- a The short side is ____ cm.
- b The rectangle's perimeter is ____ cm.
- c The rectangle's area is ____ sq cm.

Name: _____

Problem of the Day Lesson 116

A school's computer lab is in a rectangular room inside the library. The room's longer sides are 20 feet in length. They are 11 feet longer than the room's shorter sides.



a. Which expressions represent the room's perimeter, in feet?

☐ $(2 \times 20) + (2 \times 9)$

☐ $(2 \times 20) + (2 \times 31)$

☐ $(2 \times 20) + (2 \times 11)$

☐ $2 \times (20 + 9)$

b. Calculate the perimeter of the room, in meters.

c. Which expression represents the room's area, in square feet?

☐ 9×20

☐ 20×31

☐ 11×20

☐ $2 \times (20 \times 9)$

d. Calculate the area of the room, in square feet.

Name: _____

FILL IN THE BLANK - C

Use the words from each bank to correctly fill the blanks in the word problem below.

Number Bank

5 7 38 84

Side A of a rectangle is ____ in. Side B is ____ inches longer than side A.

The perimeter of the rectangle is ____ in. and the area is ____ sq. in.

Number Bank

6 9 42 90

Side A of a rectangle is ____ cm. Side B is ____ cm. longer than side A.

The perimeter of the rectangle is ____ cm. and the area is ____ sq. cm.

Number Bank

8 10 56 180

Side A of a rectangle is ____ in. Side A is ____ inches shorter than side B.

The perimeter of the rectangle is ____ in. and the area is ____ sq. in.
