Perimeter of Squares
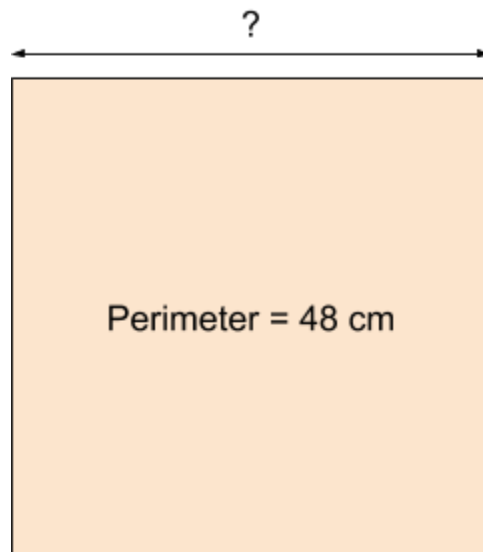
FREE Worksheet - 1

Time: 15 minutes

(Detailed solutions at the end)

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1. What is the perimeter of a square whose side is 5 cm?
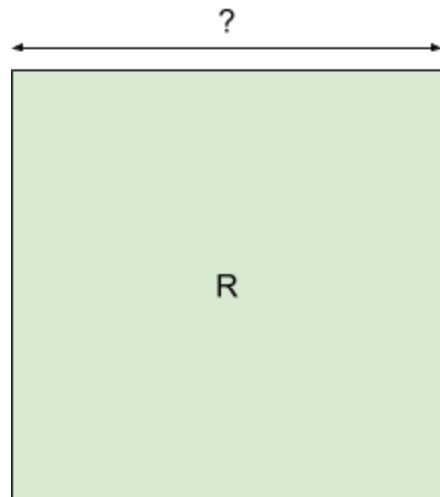
    Answer: _____cm

2. What is the length of a side of the square below?
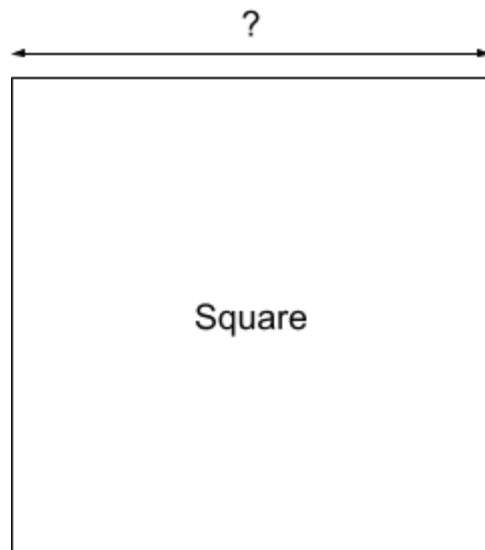

    Perimeter = 48 cm

    Answer: _____cm

3. Square R has a perimeter of 36 cm. Find its length.

Answer: _____cm
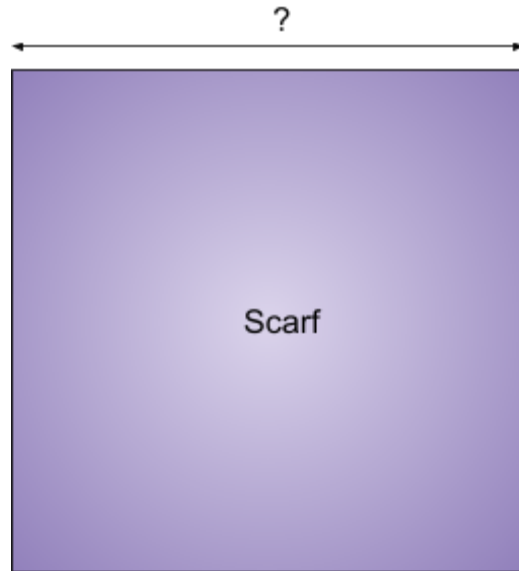
4. Jay used a piece of string 56 cm long to make a square as shown below. What is the length of the square?
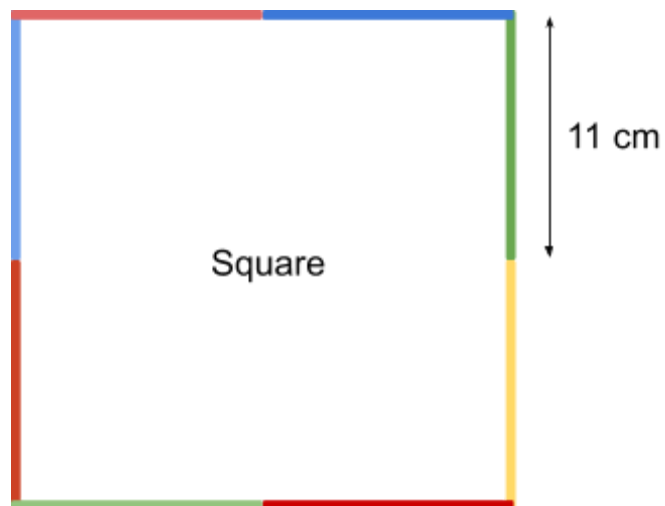

Answer: _____cm

5. Gina uses 120 cm of lace to border a square scarf as shown below. What is the length of the scarf?

?

Scarf

Answer: _____cm

6. Harry joins 8 identical straws to form a square as shown below. What is the perimeter of the square?

11 cm

Square

Answer: _____cm

SOLUTIONS

Problem 1

Perimeter of a square = 4 × Length

Given,

Length = 5 cm

Therefore,

Perimeter of the square = 4 × 5 cm = **20 cm**

Problem 2

Perimeter of a square = 4 × Length

Given,

Perimeter = 48 cm

Therefore,

Length of the square = 48 ÷ 4 cm = **12 cm**

Problem 3

Perimeter of a square = 4 × Length

Therefore,

Length of Square R = 36 ÷ 4

= **9 cm**

Problem 4

Length of the string = Perimeter of the square = 56 cm

Length of the square = Perimeter ÷ 4

= 56 ÷ 4

= 14 cm

Problem 5

Length of the lace = Perimeter of the scarf = 120 cm

Length of the scarf = Perimeter ÷ 4

= 120 ÷ 4

= 30 cm

Problem 6

Method 1

Perimeter of the square = 8 × Length of 1 straw

= 8 × 11 cm

= 88 cm

Method 2

Length of the square = 2 × Length of 1 straw

= 2 × 11 cm = 22 cm

Perimeter of the square = 4 × Length of the square

= 4 × 22 cm

= 88 cm