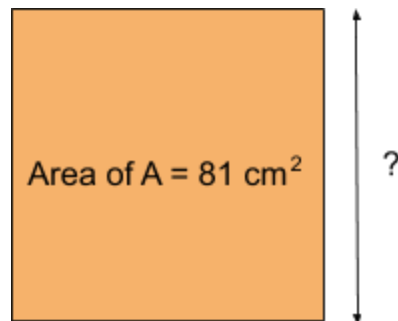# Area of Squares

FREE Worksheet - 1

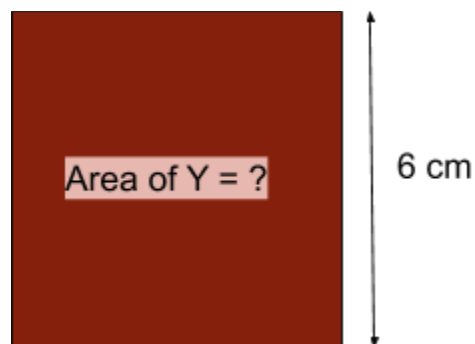**Time: 15 minutes**

(Detailed solutions at the end)

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1. The area of Square A is 81 cm^2. Find its length.
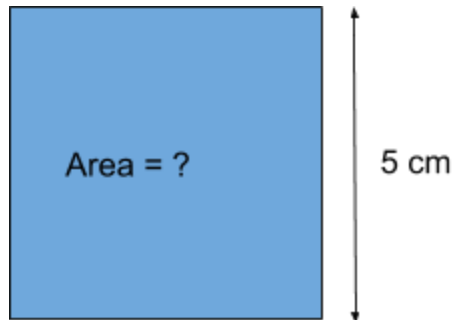
Area of A = 81 cm^2 ?

Answer: _____ cm

2. The length of Square Y is 6 cm. Find its area.

Area of Y = ?   6 cm

Answer: _____ cm^2

3. Find the area of the square below:

5 cm

Area = ?

Answer: _____ cm^2

4. Find the length of the square below:

? cm

Area = 36 cm^2
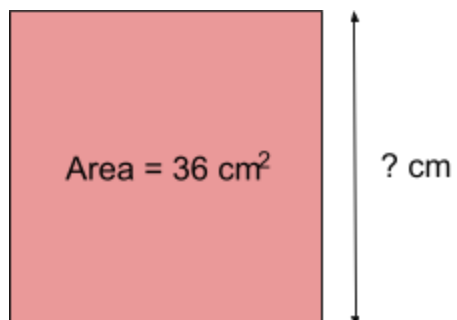
Answer: _____ cm

5. The area of a square plot of land is 49 m^2. Find its length.

Answer: _____ m

SOLUTIONS

Problem 1

Area of a square = Length × Length

Given, area = 81 cm^2 = 9 cm × 9 cm

Therefore, length = ***9 cm***

Problem 2

Area of a square = Length × Length

Given, length = 6 cm

Therefore, area = 6 cm × 6 cm = ***36 cm^2***

Problem 3

Area of a square = Length × Length

Given, length = 5 cm

Therefore, area = 5 cm × 5 cm = ***25 cm^2***

Problem 4

Area of a square = Length × Length

Given, area = 36 cm^2 = 6 cm × 6 cm

Therefore, length = **6 cm**

Problem 5

Area of the plot square = 49 m^2 = Length × Length

Given, area = 49 m^2 = 7 m × 7 m

Therefore, length = **7 m**