



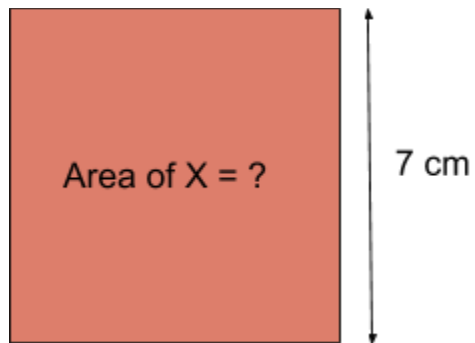
Area of Squares

FREE Worksheet - 5

Time: 15 minutes

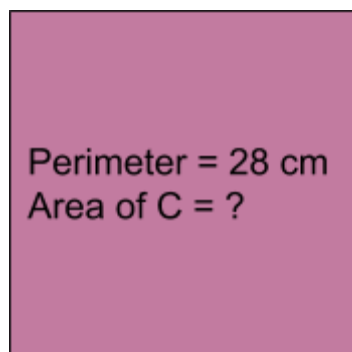
(Detailed solutions at the end)

1. The length of Square X is 7 cm. Find its area.



Answer: _____ cm²

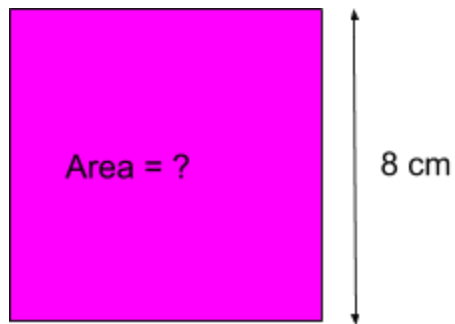
2. The perimeter of Square C is 28 cm. Find its area.



Answer: _____ cm²

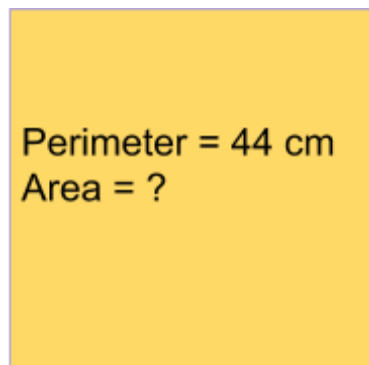


3. Find the area of the square below:



Answer: _____ cm²

4. Find the area of the square below:



Answer: _____ cm²



5. The perimeter of a square tile is 48 cm. Find its area.

Answer: _____ cm²



SOLUTIONS

Problem 1

Area of a square = Length \times Length

Given, length = 7 cm

Therefore, area = 7 cm \times 7 cm = **49 cm²**

Problem 2

Perimeter of a square = 4 \times Length

Length = Perimeter \div 4

Given, perimeter = 28 cm

Therefore, length = 28 cm \div 4 = 7 cm

Area of a square = Length \times Length

Given, length = 7 cm

Therefore, Area = 7 cm \times 7 cm = **49 cm²**

Problem 3

Area of a square = Length \times Length



Given, length = 8 cm

Therefore, area = 8 cm \times 8 cm = **64 cm²**

Problem 4

Perimeter of a square = 4 \times Length

Length = Perimeter \div 4

Given, perimeter = 44 cm

Therefore, length = 44 cm \div 4 = 11 cm

Area of a square = Length \times Length

Given, length = 11 cm

Therefore, Area = 11 cm \times 11 cm = **121 cm²**

Problem 5

Perimeter of the square tile = 4 \times Length

Length = Perimeter \div 4

Given, perimeter = 48 cm

Therefore, length = 48 cm \div 4 = 12 cm



Area of the square tile = Length \times Length

Given, length = 12 cm

Therefore, Area = 12 cm \times 12 cm = **144 cm²**