

Name: _____

Date: _____

Finding the Area of a Square Worded Problems

To find the area of a square we multiply one side by itself.

$$\text{Area} = s \times s \quad \text{or} \quad \text{Area} = s^2$$

Example: Calculate the area of a square of side 2m.

$$\text{Area} = 2^2 \quad 2 \times 2 = 4 \text{ m}^2$$



1. Calculate the area of a square of side 9 cm. _____ cm^2
2. Calculate the area of a square of side 5 cm. _____ cm^2
3. Calculate the area of a square of side 32 cm. _____ cm^2
4. Calculate the area of a square garden of side 12 m. _____ m^2
5. Calculate the area of a square playfield of side 15 m. _____ m^2
6. If one side of a square wall is 7m, what is the area of the square wall? _____ m^2
7. How much carpet will be needed to carpet a square floor of side 10m? _____ m^2

8. How much linoleum will be needed to cover a square floor of side 23

m? _____m²