

Name : _____

Score : _____ Date : _____



Area of Square Word Problem

- 1 Find the area of a square of side 49 in.

- 2 The length of the side of a square is 11 cm. Find the area.

- 3 An athlete jogs around a square field having a length of 245 m. Find the area of the field.

- 4 Length of a side of a square fence is 300 ft. What will be the cost of levelling the field at a rate of \$10/ft².

- 5 A square pool is 40 m wide. Find the area of the pool. What will be the cost of painting the pool boundary at a rate of \$20/m².

- 6 A square envelope has a length of 17 mm. Find the area of the envelope.

- 7 The area of a square-shaped garden is 148 m². Find the length of each side of the garden.

- 8 The measure of each side of Roshni's bedroom is 40 cm. Find the area of the bedroom.

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Area of Square Word Problem

Answers

1 Find the area of a square of side 49 in.

Ans: $2,401 \text{ in}^2$

2 The length of the side of a square is 11 cm. Find the area.

Ans: 121 cm^2

3 An athlete jogs around a square field having a length of 245 m. Find the area of the field.

Ans: $60,025 \text{ m}^2$

4 Length of a side of a square fence is 300 ft. What will be the cost of levelling the field at a rate of $\$10/\text{ft}^2$.

Ans: $\$900,000$

5 A square pool is 40 m wide. Find the area of the pool. What will be the cost of painting the pool boundary at a rate of $\$20/\text{m}^2$.

Ans: Area = $1,600 \text{ m}^2$, Cost = $\$32,000$

6 A square envelope has a length of 17 mm. Find the area of the envelope.

Ans: 289 mm^2

7 The area of a square-shaped garden is 148 m^2 . Find the length of each side of the garden.

Ans: 12.16 m

8 The measure of each side of Roshni's bedroom is 40 cm. Find the area of the bedroom.

Ans: $1,600 \text{ cm}^2$