

Name: _____

Date: _____

Area: Finding the length of a side given the area.

If you are given the area of a square and you are asked to find the length of a side, simply find the square root ($\sqrt{\quad}$) of the area.

Example: The area of a square is 16cm^2 , what is the length of one side?

$$\text{Side} = \sqrt{16} = 4\text{cm}$$



- A) Calculate the length of one side of the square if its area is 36 m^2 .
- B) Calculate the length of one side of the square if its area is 25 cm^2 .
- C) Calculate the length of one side of the square if its area is 49 m^2 .
- D) Calculate the length of one side of the square if its area is 144 cm^2 .
- E) If the area of a square is 169 cm^2 , calculate the length of one side of the square.

F) If the area of a square is 196 cm^2 , calculate the length of one side of the square.

G) If the area of a square is 81 cm^2 , calculate the length of one side of the square.

H) If the area of a square is 121 m^2 , calculate the length of one side of the square.

I) Calculate the length of one side of the square if its area is 256 cm^2 .

J) Calculate the length of one side of the square if its area is 400 m^2 .

