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 ($\sqrt{}$) of the area.

Example: The area of a square is 16cm², what is the length of one side?

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

Hmm… Let's see how good you are.

A) Calculate the length of one side of the square if its area is 36 m².

B) Calculate the length of one side of the square if its area is 25 cm².

C) Calculate the length of one side of the square if its area is 49 m².

D) Calculate the length of one side of the square if its area is 144 cm².

E) If the area of a square is 169 cm², calculate the length of one side of

the square.

F) If the area of a square is 196 cm², calculate the length of one side of the square.

G) If the area of a square is 81 cm², calculate the length of one side of the square.

H) If the area of a square is 121 m², calculate the length of one side of the square.

I) Calculate the length of one side of the square if its area is 256 cm².

J) Calculate the length of one side of the square if its area is 400 m².

Well done!