What is the area of a square whose length of one side is 8.9 m?

A. 79.21 m^2
B. 39.605 m^2
C. 158.84 m^2
D. 87.8 m^2

Show Answer
Correct Answer: A (79.21 m^2)

Explanation

The area of a square can be found by multiplying the length of one side by itself. So, to find the area of a square whose length of one side is 8.9 m, we can use the formula:

Area = side²

Substituting the value of the side, we get:

Area = 8.9^2
Area = 79.21 m^2

Therefore, the area of the square is 79.21 m^2, which is answer choice A.

Understanding Squares

A square is a geometric shape with four equal sides and four right angles. It is a special case of a rectangle, where all sides have the same length. The area of a square can be found by multiplying the length of one side by itself, which is expressed as:

Area = $side^2$

What is the area of a square whose length of one side is 8.9 m?

So, if the length of one side of a square is given, we can find its area by squaring that length.