



A tree is 7.5 centimeters high. What will its height be in millimeters?

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75 mm

0.75 mm

750 mm

0.0075 mm

Show Answer...

**Correct Answer: B) 75 mm**

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A. 0.75mm

B. 75 mm

C. 750mm

D. 0.0075mm

## Converting Height to Millimeters

### Explanation:

To convert a measurement from centimeters to millimeters, you need to multiply the measurement by 10, as there are 10 millimeters in 1 centimeter.

In this scenario, the height of the tree is given as 7.5 centimeters. To convert it to millimeters, you can use the following calculation:

Height in millimeters = 7.5 centimeters  $\times$  10 millimeters/centimeter = 75 millimeters

Therefore, the height of the tree in millimeters is indeed **75 mm**.

Option B, "75 mm," is the correct answer, as it accurately represents the tree's height in millimeters.



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## **Conclusion**

Converting measurements from one unit to another is a fundamental aspect of mathematics and practical applications. In this case, understanding the relationship between centimeters and millimeters allows us to accurately express the height of the tree in millimeters.