

Mathematics

Measurement – Conversion of Units (m to cm)

Have you ever noticed the markings on metre stick? If you have, I am sure you realize that

1 metre stick is 100 cm long.

This means that for every 1 m, there are 100 cm.

For example:

$$1 \text{ m} = 100 \text{ cm}$$

$$2 \text{ m} = 200 \text{ cm}$$

$$4.8 \text{ m} = 480 \text{ cm}$$

$$7.3 \text{ m} = 730 \text{ cm}$$

Have you noticed a pattern?

To convert m to cm, just multiply by 100.

Example 1: $5 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

$$5 \times 100 = 500 \quad \therefore 5 \text{ m} = 500 \text{ cm}$$

Example 2: $9.6 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

$$9.6 \times 100 = 960 \quad \therefore 9.6 \text{ m} = 960 \text{ cm}$$

DIRECTIONS: Convert these measurements from m to cm:

1. $15 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
2. $41.3 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
3. $87 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
4. $23.7 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
5. $10 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
6. $54.3 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
7. $77.7 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
8. $39 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
9. $5.3 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
10. $91 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

Remember: $1 \text{ m} = 100 \text{ cm}$