

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

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

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

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

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