



Meter to Centimeter Conversion

FREE Worksheet - 2

Time: 10 minutes

(Detailed solutions at the end)

1. The distance between two wooden platforms by a lake is 3 m 8 cm.

Express this distance in centimetres.

Answer: _____ cm

2. Write in metres and centimetres.

716 cm = ___ m ___ cm

3. A cinema screen is 8 m and 93 cm wide.

Find the width of the cinema screen in centimetres.

Answer: _____ cm



4. A kid threw a javelin 4 m 39 cm away.

How far did the javelin travel in centimetres?

Answer: _____ cm

5. Sally plants two trees 840 cm apart.

What is the distance between the trees in metres and centimetres?

Answer: _____ m _____ cm



SOLUTIONS

Problem 1

We know,

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

So,

$$3 \text{ m} = 300 \text{ cm}$$

$$\begin{aligned} 3 \text{ m } 8 \text{ cm} &= 3 \text{ m} + 8 \text{ cm} \\ &= 300 \text{ cm} + 8 \text{ cm} \\ &= \mathbf{308 \text{ cm}} \end{aligned}$$

Problem 2

We know,

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

So,

$$700 \text{ cm} = 7 \text{ m}$$

$$\begin{aligned} 716 \text{ cm} &= 700 \text{ cm} + 16 \text{ cm} \\ &= 7 \text{ m} + 16 \text{ cm} \\ &= \mathbf{7 \text{ m } 16 \text{ cm}} \end{aligned}$$



Problem 3

We know,

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

So,

$$8 \text{ m} = 800 \text{ cm}$$

$$\begin{aligned} 8 \text{ m } 93 \text{ cm} &= 8 \text{ m} + 93 \text{ cm} \\ &= 800 \text{ cm} + 93 \text{ cm} \\ &= 893 \text{ cm} \end{aligned}$$

The width of the cinema screen is **893 cm**.

Problem 4

We know,

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

So,

$$4 \text{ m} = 400 \text{ cm}$$

$$\begin{aligned} 4 \text{ m } 39 \text{ cm} &= 4 \text{ m} + 39 \text{ cm} \\ &= 400 \text{ cm} + 39 \text{ cm} \\ &= 439 \text{ cm} \end{aligned}$$

The javelin traveled **439 cm**.



Problem 5

We know,

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

So,

$$800 \text{ cm} = 8 \text{ m}$$

$$\begin{aligned} 840 \text{ cm} &= 800 \text{ cm} + 40 \text{ cm} \\ &= 8 \text{ m} + 40 \text{ cm} \\ &= 8 \text{ m } 40 \text{ cm} \end{aligned}$$

The distance between the trees is **8 m 40 cm**.