



Meter to Centimeter Conversion

FREE Worksheet - 5

Time: 10 minutes

(Detailed solutions at the end)

1. $2\text{ m } 2\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

2. Write in metres and centimetres.

$559\text{ cm} = \underline{\hspace{1cm}}\text{ m } \underline{\hspace{1cm}}\text{ cm}$

3. The distance between two tables in a hall is 363 cm.

Express this distance in metres and centimetres.

Answer: $\underline{\hspace{2cm}}\text{ m } \underline{\hspace{2cm}}\text{ cm}$

4. An athlete jumped a height of 2 m 9 cm in a high jump event.

How high did he jump in centimetres?

Answer: $\underline{\hspace{2cm}}\text{ cm}$



5. A tram is 709 cm long.

What is the length of the tram in metres and centimetres?

Answer: _____ m _____ cm



SOLUTIONS

Problem 1

We know,

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

So,

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

$$\begin{aligned} 2 \text{ m } 2 \text{ cm} &= 2 \text{ m} + 2 \text{ cm} \\ &= 200 \text{ cm} + 2 \text{ cm} \\ &= \mathbf{202 \text{ cm}} \end{aligned}$$

Problem 2

We know,

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

So,

$$500 \text{ cm} = 5 \text{ m}$$

$$\begin{aligned} 559 \text{ cm} &= 500 \text{ cm} + 59 \text{ cm} \\ &= 5 \text{ m} + 59 \text{ cm} \\ &= \mathbf{5 \text{ m } 59 \text{ cm}} \end{aligned}$$



Problem 3

We know,

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

So,

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

$$\begin{aligned} 363 \text{ cm} &= 300 \text{ cm} + 63 \text{ cm} \\ &= 3 \text{ m} + 63 \text{ cm} \\ &= \mathbf{3 \text{ m } 63 \text{ cm}} \end{aligned}$$

Problem 4

We know,

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

So,

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

$$\begin{aligned} 2 \text{ m } 9 \text{ cm} &= 2 \text{ m} + 9 \text{ cm} \\ &= 200 \text{ cm} + 9 \text{ cm} \\ &= 209 \text{ cm} \end{aligned}$$

He jumped **209 cm** high.



Problem 5

We know,

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

So,

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

$$\begin{aligned} 709 \text{ cm} &= 700 \text{ cm} + 9 \text{ cm} \\ &= 7 \text{ m} + 9 \text{ cm} \\ &= 7 \text{ m } 9 \text{ cm} \end{aligned}$$

The length of the tram is **7 m 9 cm**.