Meter to Centimeter Conversion

FREE Worksheet - 3

Time: 10 minutes

(Detailed solutions at the end)

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1. Write in centimetres.

   6 m 6 cm = _____ cm

2. Write in metres and centimetres.

   103 cm = ___ m ___ cm

3. Write in centimetres.

   5 m 12 cm = _____ cm

4. An athlete jumped a height of 1 m 90 cm in a high jump event.

   How high did he jump in centimetres?

   Answer: _____ cm

5. Aisha digs two holes 435 cm apart.

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

Answer: _____ m _____ cm

SOLUTIONS

Problem 1

We know,

$1\ m = 100\ cm$

So,

$6\ m = 600\ cm$

6 m 6 cm	=	6 m + 6 cm
	=	600 cm + 6 cm
	=	***606 cm***

Problem 2

We know,

$100\ cm = 1\ m$

103 cm	=	100 cm + 3 cm
	=	1 m + 3 cm
	=	***1 m 3 cm***

Problem 3

We know,

1 m = 100 cm

So,

5 m = 500 cm

5 m 12 cm = 5 m + 12 cm
= 500 cm + 12 cm
= ***512 cm***

Problem 4

We know,

1 m = 100 cm

1 m 90 cm = 1 m + 90 cm
= 100 cm + 90 cm
= 190 cm

He jumped ***190 cm*** high.

Problem 5

We know,

100 cm = 1 m

So,

400 cm = 4 m

435 cm	=	400 cm + 35 cm
	=	4 m + 35 cm
	=	4 m 35 cm

The distance between the holes is ***4 m 35 cm***.