

Converting between units of length: metres and centimetres

Name:

Date:

1 metre = 100 centimetres

1 METRES (m) to CENTIMETRES (cm)

To convert from metres to centimetres, MULTIPLY by 100.

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

e) $9.05 \text{ m} = 905 \text{ cm}$

b) $3.1 \text{ m} = 310 \text{ cm}$

f) $0.5 \text{ m} = 50 \text{ cm}$

c) $6.25 \text{ m} = 625 \text{ cm}$

g) $0.22 \text{ m} = 22 \text{ cm}$

d) $7.8 \text{ m} = 780 \text{ cm}$

h) $10.75 \text{ m} = 1075 \text{ cm}$

2 CENTIMETRES (cm) to METRES (m)

To convert from centimetres to metres, DIVIDE by 100.

a) $600 \text{ cm} = 6 \text{ m}$

e) $35 \text{ cm} = 0.35 \text{ m}$

b) $520 \text{ cm} = 5.2 \text{ m}$

f) $90 \text{ cm} = 0.9 \text{ m}$

c) $375 \text{ cm} = 3.75 \text{ m}$

g) $1250 \text{ cm} = 12.5 \text{ m}$

d) $405 \text{ cm} = 4.05 \text{ m}$

h) $2 \text{ cm} = 0.02 \text{ m}$

3 QUESTIONS:

a) Bella has a 1.2 m long piece of string. How long is the string in centimetres? 120 cm

b) How many centimetres is a 4.75 m long plank of wood? 475 cm

c) Lucas placed four 50 cm pieces of wood end to end. In metres, how long are the pieces of wood altogether? 2 m

d) A room is 625 centimetres wide. How wide is the room in metres? 6.25 m

e) Aria cut a 4 metre piece of string into 8 equal pieces.
How long is each piece in metres? 0.5 m
How long is each piece in centimetres? 50 cm