

# Converting between units of length: meters and centimeters

Name:

Date:

## 1 meter = 100 centimeters

### 1 METERS (m) to CENTIMETERS (cm)

To convert from meters to centimeters, 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 CENTIMETERS (cm) to METERS (m)

To convert from centimeters to meters, 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 centimeters? 120 cm

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

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

d) A room is 625 centimeters wide. How wide is the room in meters 6.25 m

e) Aria cut a 4 meter piece of string into 8 equal pieces.  
How long is each piece in meters 0.5 m  
How long is each piece in centimeters 50 cm