

MEASUREMENT 1

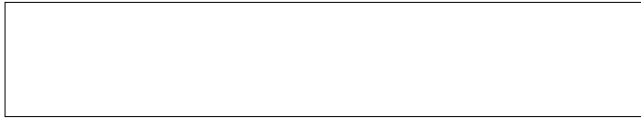
1. Measure the length of the bar in mm and cm. cm _____
mm _____



2. Determine the following:
- a. What is the freezing temperature of water in celsius? _____
- b. Which of the following temperatures represents a comfortable room temperature?
 5°C, 10°, 20°C or 30°C

3. Make the following conversions:
- a. 109 mm = _____ cm b. 0.0038 t = _____ kg
- c. 4.3 ha = _____ m² d. 0.26 L = _____ cm³
- e. 48 h = _____ min f. 6 840 cm² = _____ m²
- g. 0.000 52 km = _____ m h. 93 000 000 g = _____ kg
- i. 2.84 m = _____ mm j. 0.00615 km² = _____ m²
- k. 3 h 25 min = _____ min

4. Find the area of the rectangle in cm^2 .



5. A rectangular lot measures $150 \text{ m} \times 400 \text{ m}$.

a. Find the area in m^2

b. How many hectares is this lot?

6. Make the following conversions:

a. 3.5 L of water = _____ kg of water

b. 18 g of water = _____ mL of water

c. 0.92 t of water = _____ L of water

d. 0.06 L of water = _____ g of water

ANSWER KEY

1. 10.5 cm, 105 mm

2. a. 0°C b. 20°C

3. a. 10.9 cm b. 3.8 kg c. 43 000 m² d. 260 cm³ e. 2880 min
f. 0.684 m² g. 0.52 m h. 93 000 kg i. 2840 mm j. 6150 m²
k. 205 min

4. 12.8 or 13 cm² (approximately)

5. a. 60 000 m² b. 6 ha

6. a. 3.5 kg b. 18 ml c. 920 L d. 60 g

Source: Government of BC used with permission.