

Worksheet: Assessment on measurement, Strand C

1. Convert the following units as mentioned below.

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

b) $2.5\text{ m} = \underline{\hspace{2cm}}\text{ cm}$

c) $250\text{ cm} = \underline{\hspace{2cm}}\text{ m}$

d) $1.5\text{ l} = \underline{\hspace{2cm}}\text{ ml}$

e) $750\text{ ml} = \underline{\hspace{2cm}}\text{ l}$

f) $1500\text{ g} = \underline{\hspace{2cm}}\text{ kg}$

g) $4.5\text{ kg} = \underline{\hspace{2cm}}\text{ g}$

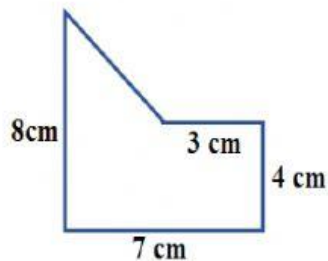
h) $7\text{ tonnes} = \underline{\hspace{2cm}}\text{ kg}$

i) $2500\text{ kg} = \underline{\hspace{2cm}}\text{ tonnes}$

2. Sonam wants to carpet his sitting room. It is 5 metres long and 4 metres wide. How many square metres of carpet will he need to buy?

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

3. Calculate the area of the shape given below.



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

4. Tashi and his friends want to paint the classroom wall which is 5 metres by 4 metres. If 10 square metres need 1 litre of paint, how much paint will they need to buy to paint all the four walls?

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

5. The volume of the box is 216 cubic centimetres. Find the length of each side of the box.

Answer: _____ cm

6. A swimming pool is rectangular in shape. It is 12 metres long, 8 metres wide, and 400 centimetres deep. What is the volume of the swimming pool in cubic metres?

Answer: _____ m³.

7. How much water is needed to fill a water tank that is 150 cm long, 100 cm wide, and 300 cm deep? (Find the answer in litres)

Answer: _____ litres.

8. The volume of a rectangular prism is 120 m³. If it is 5 metres long and 4 metres wide, what will be the height of the prism?

Answer: _____ metres.

9. Dorji, a farmer from Phobjikha produced 2 tonnes of potatoes. If he gets Nu.40 per Kg, how many ngultrums will he get?

Answer: Nu. _____

10. The area of a rectangle is 24 cm². If Karma doubles both the length and width of a rectangle, what will be the area of the new rectangle?

Answer: _____ cm².