Worksheet: Assessment on measurement, Strand C

1. Convert the following units as mentioned below.
   a) 1 m = _____ cm

   b) 2.5 m = _____ cm

   c) 250 cm = _____ m

   d) 1.5 l = _____ ml

   e) 750 ml = _____ l

   f) 1500 g = _____ kg

   g) 4.5 kg = _____ g

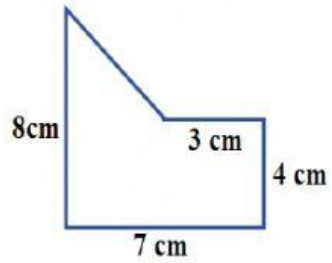
   h) 7 tonnes = _____ kg

   i) 2500 kg = _____ 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: _____ m^2

3. Calculate the area of the shape given below.



   Answer: _____ 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 1litre of paint, how much paint will they need to buy to paint all the four walls?

   Answer: _____ 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: _____ m^3.

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 m^3. 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 cm^2. If Karma doubles both the length and with of a rectangle, what will be the area of the new rectangle?

    Answer: _____ cm^2.