

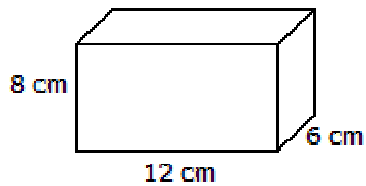
Year 6 Measurement Worksheet



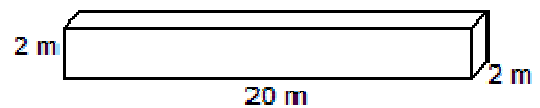
1. A triangle has a perimeter of 50. If 2 of its sides are equal and the third side is 5 more than the equal sides, what is the length of the third side?
2. A rectangle is 4 times as long as it is wide. If the length is increased by 4 centimetres and the width is decreased by 1 centimetre, the area will be 60 square centimetres. What were the dimensions of the original rectangle?
3. In a quadrilateral two angles are equal. The third angle is equal to the sum of the two equal angles. The fourth angle is 60° less than twice the sum of the other three angles. Find the measures of the angles in the quadrilateral.

4. Find the volume of the following figures:

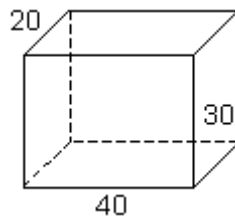
A.



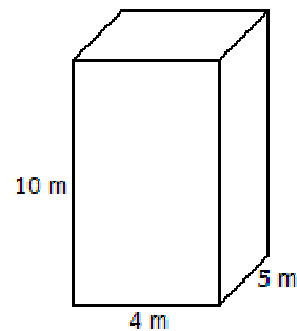
B.



C.



D.



5. Calculate the volumes for each of the value below.

A.

Length = 15 m
Width = 6 m
Depth = 2 m
Volume = m^3

B.

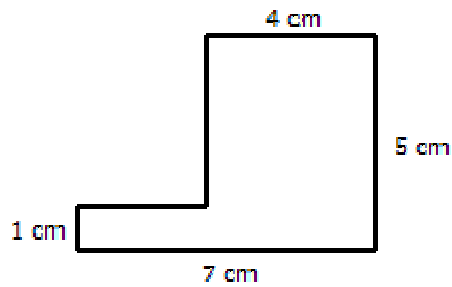
Length = 25 cm
Width = 9 cm
Height = 30 cm
Volume = cm^3

Year 6 Measurement Worksheet

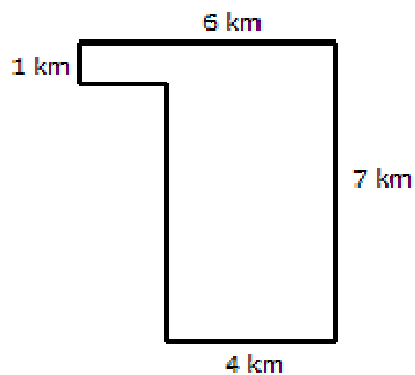


- C.** Length = 80 cm
Width = 45 cm
Height = 40 cm
Volume = cm³

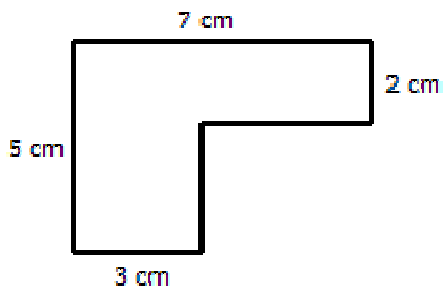
- 6.** Calculate the areas for each of the shapes below.



A. area =

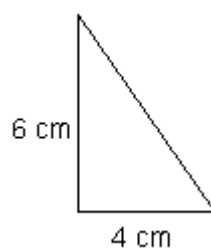


B. area =

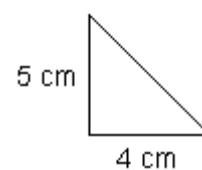


C. area =

- 7.** Calculate the areas for each of the triangles below.

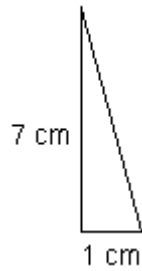


A. area = cm²

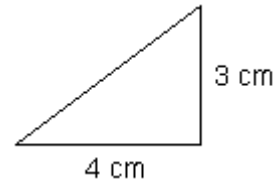


B. area = cm²

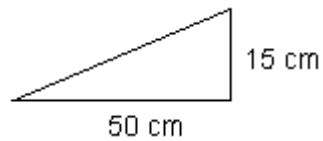
Year 6 Measurement Worksheet



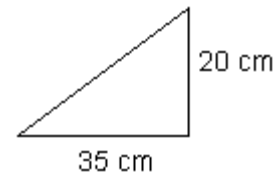
C. area = cm^2



D. area = cm^2



E. area = cm^2



F. area = cm^2

- 8.** Which is a better estimate for the weight of a locomotive?
- A. 18 kilos
 - B. 18 tons
- 9.** Which is a better estimate for the volume of a can of soup?
- C. 1 litre
 - D. 250 millilitres
- 10.** Which is a better estimate for the weight of a train caboose?
- E. 4 tons
 - F. 4 kilograms
- 11.** Which is a better estimate for the volume of a plastic shopping bag?
- G. 6 litres
 - H. 6 teaspoons
- 12.** Which is a better estimate for the length of a great white shark?
- A. 4 meters
 - B. 4 kilometres