

## Grade 5 Maths How Big? How Heavy? Worksheets

1. The shapes below are made from centimeter cubes. Work out the volume of each one:

(a)



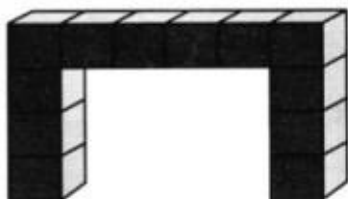
Volume = ..... cubic cm

(b)



Volume = ..... cubic cm

(c)



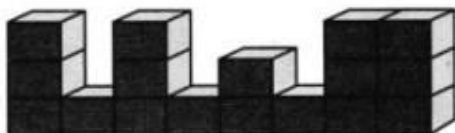
Volume = ..... cubic cm

(d)



Volume = ..... cubic cm

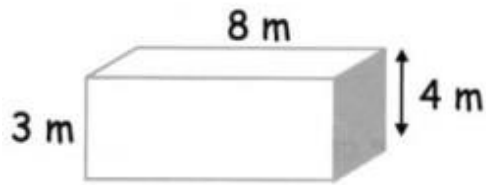
(e)



Volume = ..... cubic cm

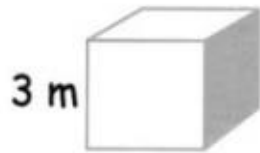
2. Work out the volume of each shape below being careful to use the correct units:

(a)



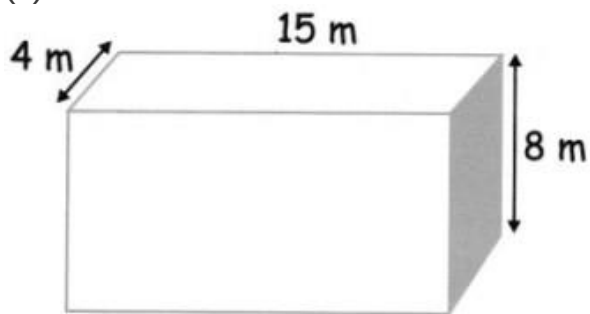
Volume = .....  $\text{cm}^3$

(b)



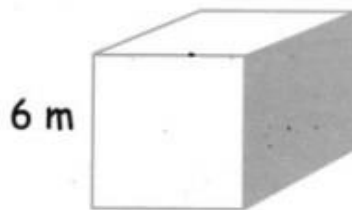
Volume = .....  $\text{cm}^3$ .

(c)



Volume = .....  $\text{cm}^3$

(d)

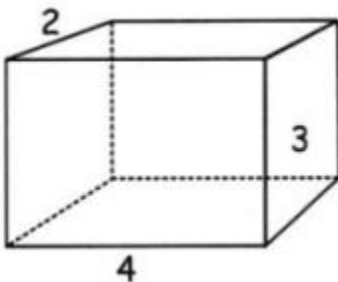


Volume = .....  $\text{cm}^3$

3. Calculate the volumes for each of the objects below.

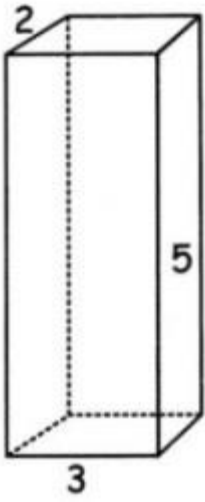
[The measurements are all in centimeters (cm)]

(a)



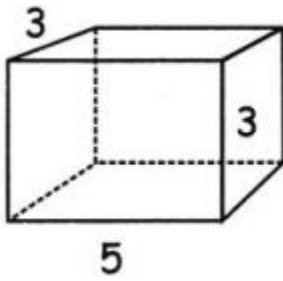
Volume .....  $\text{cm}^3$

(b)



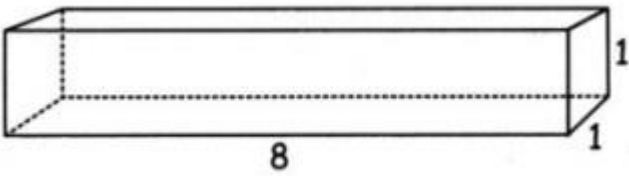
Volume .....  $\text{cm}^3$

(c)



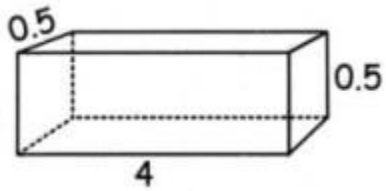
Volume .....  $\text{cm}^3$

(d)



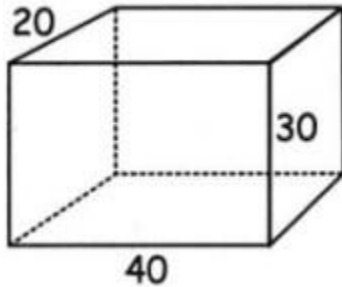
Volume .....  $\text{cm}^3$

(e)



Volume .....  $\text{cm}^3$

(f)



Volume .....  $\text{cm}^3$

4. Solve these:

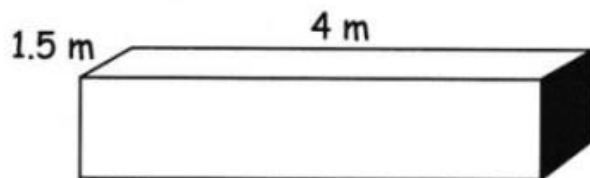
(a) A storage container is 60cm long, 25cm wide and 15cm deep. What is its volume in cubic cms?

Volume = ..... cubic cm

(b) Bindu is going to order some ready — mix concrete for an area 6m long and 5m wide, which needs be laid to a depth of 10cm. How many cubic metres of concrete will she need?

Volume = ..... cubic cm

(c) How many litres of water are needed to fill the paddling pool to a depth of 30cm?



Volume = ..... cubic cm

water needed to fill the pool ..... litres

(d) Sonia has a rectangular pool in her garden which is 4m by 2m. She has cleaned it out and wants to refill it with water to a depth of 25cm. How

many litres of water does she need?

Volume = ..... cubic cm

water she needs ..... litres