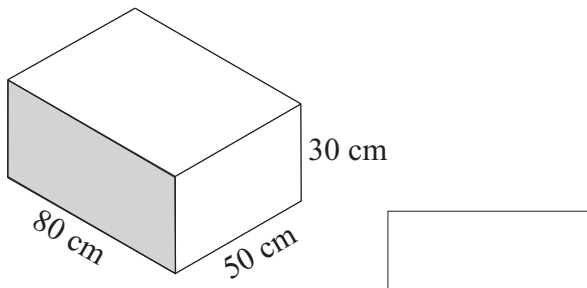


Name: _____

1. Complete the following conversions.

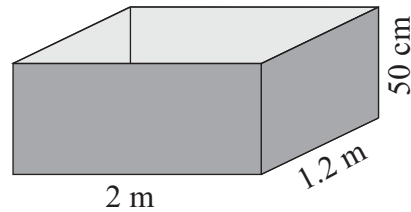
- | | | |
|------------------------------|----------------------|-----------------|
| (a) 3 litres = | <input type="text"/> | cm ³ |
| (b) 7000 cm ³ = | <input type="text"/> | litres |
| (c) 0.8 litres = | <input type="text"/> | cm ³ |
| (d) 5 m ³ = | <input type="text"/> | litres |
| (e) 4.9 litres = | <input type="text"/> | cm ³ |
| (f) 7.8 m ³ = | <input type="text"/> | litres |
| (g) 82 000 cm ³ = | <input type="text"/> | litres |

2. Find the volume (in *litres*) of the following object.



3. A fish tank is 90 cm long, 40 cm wide and 65 cm high.
The tank is empty.
How many litres of water are needed so that the water level will be 5 cm from the top of the tank?

4. (a) How many cubic metres of water are needed to fill this container?



(b) How many 10 litre buckets of water would be needed to fill this container?

5. A rectangular prism is to be made to have a volume of exactly one litre. The base is to be a square with side length 5 cm.
Find the height of the prism.

