



# Printable Assessments CAMI Maths: Grade 8

## Volume



1. Convert the following units.

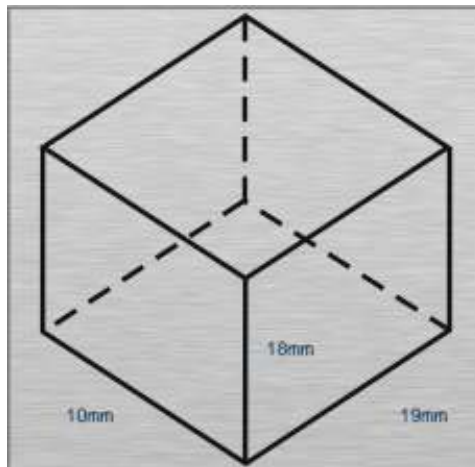
1.1 78,08 liter = .....cm<sup>3</sup>

1.2 76 140 mm<sup>3</sup> = .....liters

1.3 87 350 000 ml = ..... kl

2. Calculate the volume of the given objects.

2.1



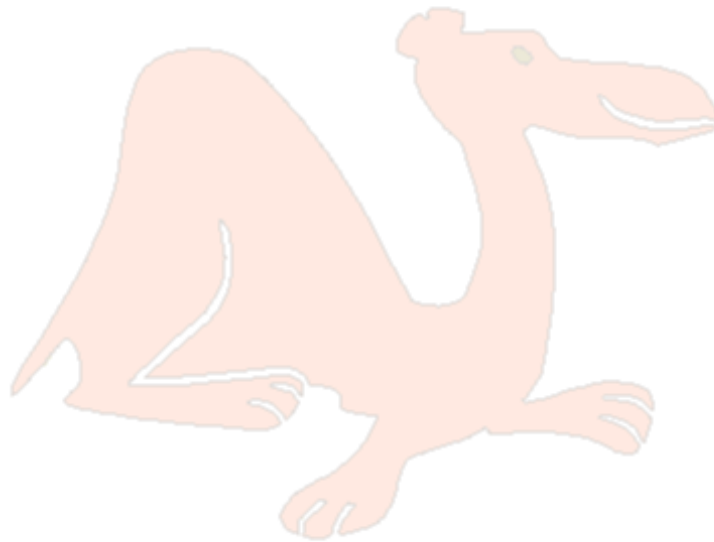
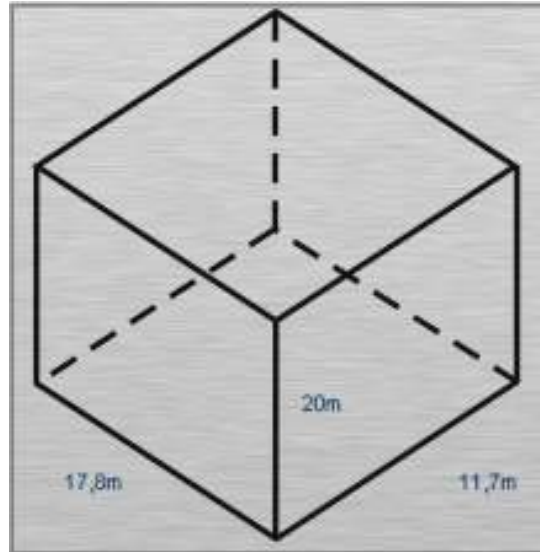
2.2





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2.3 (in  $\text{cm}^3$ )





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### MEMO

#### 1. Conversions

[9.1.3.9]

1.1 78,08 liter = **78 080** cm<sup>3</sup>

1.2 76 140 mm<sup>3</sup> = **76,14** liters

1.3 87 350 000 ml = **87,35** kl

#### 2. Calculate the volume of the given objects.

[9.5.2.1 ; 9.5.2.2 ; 9.5.2.3]

2.1 Volume = L × B × H  
= 10mm × 19 mm × 18 mm  
= **3 420** mm<sup>3</sup>

2.2 Volume = s<sup>3</sup> cm<sup>3</sup>  
= (14,7)<sup>3</sup> cm<sup>3</sup>  
= **3 176,523** cm<sup>3</sup>

2.3 Volume = L × B × H  
= 1 780 cm × 1 170 cm × 2 000 cm  
= **4 165 200 000** cm<sup>3</sup>

