

Solutions

2.1 Multiply 0.16 by 100^2 : 1600.

2.2 $0.002 \times 1,000,000 = 2000 \text{ cm}^3$; divide by 1000 for 2 litres.

2.3 $72 \times 1000 / 3600 = 20$.

3.1 False. A 1 m by 1 m square has sides 100 cm, hence area 10000 cm^2 . Square the length conversion factor.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.