

Similar shapes - ratios of areas and volumes – Answers

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1) (a) 540cm^2 (b) 1012.5cm^3

2) 14.4cm

3) 7.5cm

4) 270cm^2

5) (a) 31.5m (b) 300m^3 (c) 0.48 litres

6) (a) 2.375km (b) 218750m^2

7) (a) $\frac{63}{64}$ (b) $\text{£}2.25$ (c) 15cm