

## Workout

Question 1:

- (a)  $2144.7\text{cm}^3$
- (b)  $113.1\text{cm}^3$
- (c)  $14.1\text{m}^3$
- (d)  $5575.3\text{cm}^3$
- (e)  $179.6\text{m}^3$
- (f)  $2.1\text{cm}^3$

Question 2:

- (a)  $36\pi\text{ cm}^3$
- (b)  $288\pi\text{ cm}^3$
- (c)  $166\frac{2}{3}\pi\text{ cm}^3$

Question 3:

- (a)  $3050\text{cm}^3$
- (b)  $28700\text{cm}^3$
- (c)  $157\text{cm}^3$
- (d) 8.18 inches cubed

Question 4:

- (a) 3.6cm
- (b) 7.8cm
- (c) 0.6m (or 62.0cm)

Question 5:

- (a) 4.6cm
- (b) 16.5cm
- (c) 0.9m (or 91.4cm)

## Apply

Question 1: 3.855cm

Question 2:  $1072.33\text{cm}^3$

Question 3: 47.64%

Question 4: 58.935kg