

Workout

Question 1

(a) 1026.3 cm^3

(b) 11.8 cm^3

(c) 150.8 cm^3

Question 2

(a) $540\pi \text{ cm}^3$

(b) $180\pi \text{ mm}^3$

(c) $3750\pi \text{ cm}^3$

Question 3

(a) 19.5cm

(b) 5.25cm

(c) 8.3cm

Question 4

(a) 3.05cm

(b) 4.9cm

(c) 9.2cm

Apply

Question 1: 418.9 cm^3

Question 2: 3.872 kg

Question 3: 4.31 cm

Question 4: 1017.9 cm^3