

Workout

Question 1:

- (a) 0.7g/cm^3
- (b) 2.74g/cm^3
- (c) 8.7g/cm^3
- (d) 7880kg/m^3
- (e) 845.24kg/m^3

Question 2:

- (a) 240g
- (b) 445g
- (c) 18882kg
- (d) 21420kg
- (e) 2.5509kg

Question 3:

- (a) 125cm^3
- (b) 88.8cm^3
- (c) 1652.9cm^3
- (d) 0.11111m^3
- (e) 0.259m^3

Apply

Question 1: 0.916g/cm^3

Question 2: 1.47kg

Question 3: 44050kg

Question 4: Piece 2 – density of 0.4g/cm^3

Question 5: 4.62g/cm^3

Question 6: 2.732kg

Question 7: 76100cm^3