

Answers to Chapter 1 Test Practice Problems

Question 1

- a. 4
- b. 2
- c. 4
- d. 4
- e. 6
- f. 6
- g. 4

Question 2

- a. 6.15×10^4
- b. 5.68×10^{-5}
- c. 3.21×10^2
- d. 9.06×10^3
- e. 3.28×10^{-3}

Question 3

- a. 1.1 m^2
- b. 0.0454 g^2
- c. 5.13 m
- d. 5.0 g

Question 4

- a. $d = 0773 \text{ g/cm}^3$
- b. $d = 12 \text{ g/mL}$
- c. $v = 89.2 \text{ cm}^3$

Question 5

- a. 69.9 kg
- b. 0.0679 yds
- c. 130 L
- d. 6.357 miles
- e. $2.4 \times 10^5 \text{ dg}$