

Chapter 1 Practice Problems  
Answer Key

1. 2 sig figs
2. 0.025
3. 100.82
4. 0.47
5.  $1.018 \times 10^{-5}$
6.  $1.0870 \times 10^{-4}$
7. 92.1 pm
8. 1.22 g/L
9.  $4.22 \text{ in}^2$
10.  $1.18 \times 10^3 \text{ lbs/ft}^3$
11.  $1.96 \times 10^3 \text{ mi/hr}$
12. 255 g
13.  $8.49 \times 10^3 \text{ lbs}$