

1. a)  $5 \times 10^{11}$                       b)  $4 \times 10^6$                       c)  $9 \times 10^2$   
d)  $3 \times 10^{-2}$                       e)  $2 \times 10^{-4}$                       f)  $7 \times 10^{-6}$
2. a)  $3.3 \times 10^5$                       b)  $7.8 \times 10^4$                       c)  $5.09 \times 10^6$   
d)  $1.3 \times 10^2$                       e)  $2.8 \times 10^{-1}$                       f)  $4.2 \times 10^{-2}$   
g)  $9.13 \times 10^{-3}$                       h)  $7.08 \times 10^{-5}$                       i)  $2.914 \times 10^{-7}$
3. a) 560                                      b) 2,900,000,000                      c) 730,000  
d) 0.023                                      e) 0.000401                              f) 0.189
4. a)  $8.5 \times 10^7$                       b)  $9.03 \times 10^4$                       c)  $7.68 \times 10^6$   
d)  $7.16 \times 10^{-6}$                       e)  $6.02 \times 10^{-6}$                       f)  $3.49 \times 10^{-2}$
5. a)  $4.07 \times 10^{10}$                       b)  $1.5 \times 10^5$   
c)  $2.43 \times 10^5$                       d)  $1.6 \times 10^{-5}$   
e)  $3.52 \times 10^{-4}$                       f)  $1.25 \times 10^1$

If you notice any errors on this page, please alert your instructor.