**Here are the answers for Section I.**

a) **1.234**: **4**  
b) **1.2340**: **5**  
c) **1.234** x 10-3: **4**  
d) **1.2340** x 10-3: **5**  
e) **1234**: **4**  
f) **12340**: **4** or **5**  
g) 0.0**12340**: **5**[Back to problems](http://slc.umd.umich.edu/slconline/SIGF/lastpage.html) / [Back to text](http://slc.umd.umich.edu/slconline/SIGF/page4.html#SciNot)

**Here are the answers for Section II.**

a) 1.421+ 0.4372 = **1.858**  
b) 0.0241 + 0.11 = **0.13**  
c) 0.14 + 1.2243 = **1.36**  
d) 760.0 + 0.011 = **760.0**  
e) 1.0123 - 0.002 = **1.010**  
f) 123.69 - 20.1 = **103.6**  
g) 463.231 - 14.0 = **449.2**  
h) 47.2 - 0.01 = **47.2**[Back to problems](http://slc.umd.umich.edu/slconline/SIGF/lastpage.html#SecII) / [Back to text](http://slc.umd.umich.edu/slconline/SIGF/page5.html#AddSub)

**Here are several problems for Section III.**

Perform the indicated operations. Express your answers withthe correct number of significant figures:  
a) 42.3 x 2.61 = **110**  
b) 0.61 x 42.1 = **26**  
c) 46.1 / 1.21 = **38.1**  
d) 23.2 / 4.1 = **5.7**