Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many significant figures are in each of the following numbers?  
a) 1.234  
b) 1.2340  
c) 1.234 x 10-3  
d) 1.2340 x 10-3  
e) 1234  
f) 12340  
g) 0.012340  
[Answers](http://slc.umd.umich.edu/slconline/SIGF/Answers.html) / [Back to text](http://slc.umd.umich.edu/slconline/SIGF/page4.html#SciNot)

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

Complete the following arithmetic operations and express the answer with the correct number of significant figures:  
a) 1.421+ 0.4372 =  
b) 0.0241 + 0.11 =  
c) 0.14 + 1.2243 =  
d) 760.0 + 0.011 =  
e) 1.0123 - 0.002 =  
f) 123.69 - 20.1 =  
g) 463.231 - 14.0 =  
h) 47.2 - 0.01 =  
[Answers](http://slc.umd.umich.edu/slconline/SIGF/Answers.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 =  
b) 0.61 x 42.1 =  
c) 46.1 / 1.21 =  
d) 23.2 / 4.1 =