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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 =