

Unit 1 : Significant Figures More Practice (Honors)

Indicate how many significant numbers are in each number in the problem. Then do the math and write the answer as you see it on your calculator and the final answer using the correct number of number of significant figures, (see problem one).

1) $(235.16)(.00035) =$

2) $198.3 + 47.33015 =$

3) $(340900)(.00941) =$

4) $16.7406 - 8.010 =$

5) $(.003090)(63.00) =$

6) $\frac{6906}{.050} =$

7) $(29000)(30500) =$

8) $\frac{8.9129}{59.60} =$

9) $56.89 + .414 + 30.9 =$

10) $\frac{43900}{.0087} =$

11) $(4.981 \times 10^{-2})(5.01 \times 10^3) =$

12) $(5.61 \times 10^{12})(8 \times 10^5) =$

13) $(.09500)(2.30 \times 10^3) =$

14) $(7.0 \times 10^7)(7.91 \times 10^{-17}) =$

15) $\frac{1.02 \times 10^3}{2.0971 \times 10^9} =$

16) $\frac{97.1}{6.008 \times 10^4} =$

17) $\frac{6.9 \times 10^{14}}{6789} =$

18) $\frac{5.103 \times 10^9}{1.58 \times 10^{-9}} =$

19) $\frac{(5.162 \times 10^9)(9.11 \times 10^2)}{5.07 \times 10^{-2}} =$

20) $\frac{(4.09 \times 10^{-3})(8.2345 \times 10^9)}{(14.897)(4.11 \times 10^2)(2.1 \times 10^{-9})} =$

22) $\frac{(5.98 \times 10^{-3})(6.21 \times 10^{-9})}{(5.8)(4.9 \times 10^7)(3.6 \times 10^4)} =$

23) $\frac{2.9}{14.9} + \frac{.056}{.180} + \frac{3.111}{.7891} =$

24) $(9.031 \times 10^7) / (27 - 10.02)$

25) $\frac{9.6 + 8.30 + 2.5 - 3.402}{7}$