

Significant Figures Scientific Notation Online Lecture Notes

How many Sig Figs

437,000

.000000301

Write the above numbers in Scientific Notation with correct Sig Figs:

437,000

.000000301

Write the number below with 4,3,2,1 sig. figs:

120,435 _____(4)

_____ (3)

_____ (2)

_____ (1)

Do the following math and write your answer to the correct sig. figs:

$$16.7406 - 8.010 =$$

$$56.89 + .414 + 30.9 =$$

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

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

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

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

