



1. Write in the blank the number of significant figures in each number.

- A. ____ 1,100 B. ____ 200 C. ____ 300.0 D. ____ 1,205
E. ____ .0001 F. ____ .00010 G. ____ 1.0014 H. ____ 6,000,000
I. ____ 27.2000 J. ____ 202 K. ____ .0100101 L. ____ 3.000

2. Write these numbers using scientific notation.

- A. _____ 9,000,000 B. _____ .000 000 054 2
C. _____ 74,560,000 D. _____ .01001
E. _____ 456.00 F. _____ -.056
G. _____ -4,000 H. _____ -.000 001
I. _____ 4,600,000,000 J. _____ .000 000 000 023

3. Convert the following units. Make sure to show your work, cancel out units, use sig figs and write the final answer in scientific notation. Box your final answer!

- A. Convert 507 millimeters to miles.
- B. Convert .0348 millimeters to miles.
- C. Convert 56 seconds to years.