

# Significant Digits

## Significant Figures

10-7-15  
Sig figs

Highlighted numbers are significant

Rules	Significant	Not significant
1. All non-zero numbers are always significant	1, 2, 3, 4 5, 6, 7, 8 9, 11, 12	0
2. All zeros between significant numbers are significant  4020	209 20.03 508 3004	70 430
3. All zeros which are SIMULTANEOUSLY to the right of the decimal point AND at the end of a number are always significant.	23.0 119.20 0.00240 0.1010 0.0340 30.0	3 5 3
4. All zeros which are to the left of a decimal AND have no numbers after the decimal are significant.	320. km 20000.000000	70

320.0!

0.0004