**Significant Figures** (sig figs)

1. The leftmost nonzero digit is the most significant digit

2. If there is no decimal point, the rightmost nonzero digit is the least significant digit

3. If there is a decimal point, the rightmost digit is the least significant digit even if it is a zero.

4. All digits between the least and most are also significant.

|  |  |
| --- | --- |
| 3010  3010.00  20  20.  20.0  30.010  3.200x104 | 100  1.0x102  100.  0.012  0.000150  37 people in a class  50,000 at a rally |

In college you will learn some rules about propagating sig figs when you do calculations, but for now let's round our answers to the operand with the **fewest** sig figs.