**DIMENSIONAL ANALYSIS / SCIENTIFIC NOTATION Name**

Convert the given measurements to the desired units using the method we discussed in class. Also remember to convert any answer greater than 10,000 or smaller than 0.0001 into scientific notation. ***SIG DIGS!***

1. Convert 28km to cm.

2. Convert 50.0mg to kg.

3. Convert 450m/s to m/h.

4. Convert 85cm/min to m/s.

5. Convert the speed of light, 3.0 x 108m/s, to km/day.

6. Convert 70.0mi/hr to m/s.