**Notes: Dimensional Analysis**  Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How many seconds are there in an 8-hr. work day?
2. How many minutes in 1 week?
3. How many meters in 0.044 km?
4. How many grams in 4.6 mg?
5. Convert 0.107 g to centigrams (cg)
6. Convert 15cm3 to L
7. Convert 7.38g to kg.
8. Convert 6.7s to milliseconds (ms).
9. Convert 16.2 g to micrograms.
10. Convert 8.5 x 104 J to kilojoules (kJ)