***Metric System Conversions Notes***:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  ***King*** |  ***Henry*** |  ***Died***  | ***Unexpectedly*** |  ***Drinking***  | ***Chocolate*** |  ***Milk*** |
|  k |  h |  d |  U |  d |  c |  m |
|  |  |  |  3 base units:1)2)3) |  |  |  |

If move to the left, then ***divide***.

If move to the right, then ***multiply***.

$$K\_{10}H\_{10}D\_{10}B\_{10}D\_{10}C\_{10}M\_{10}$$

Make the following conversions:

1. 5 dm = \_\_\_\_\_\_\_\_\_ m 2. 2 mL = \_\_\_\_\_\_\_\_\_\_\_L 3. 38.2 dkg = \_\_\_\_\_\_\_\_\_\_\_cg

 4. .03 km = \_\_\_\_\_\_\_\_\_\_\_cm 5. 6035 mg = \_\_\_\_\_\_\_\_\_\_ hg 6. 75 mL= \_\_\_\_\_\_\_\_\_\_\_\_kL

 7. 6.5 m =\_\_\_\_\_\_\_\_\_\_\_\_cm 8. 2007 mg =\_\_\_\_\_\_\_\_\_\_\_\_g 9. 480 cL =\_\_\_\_\_\_\_\_\_\_\_dkL

Compare the measurements using <, >, or =. Show your work.

10. 63 cm\_\_\_\_\_\_\_\_\_\_\_\_6 m 11. 43 mg \_\_\_\_\_\_\_\_\_5 g 12. 1500 mL \_\_\_\_\_\_\_\_\_1.5 L