**Worksheet #2**

**Name: Period: Seat#:**



**Try these conversions using the ladder method:**

|  |  |  |
| --- | --- | --- |
| 1. 1000mg = \_\_\_\_\_\_\_ g
 | 1. 1L = \_\_\_\_\_\_\_ mL
 | 1. 160cm = \_\_\_\_\_\_\_ mm
 |
| 1. 14 km = \_\_\_\_\_\_\_ m
 | 1. 109g = \_\_\_\_\_\_\_ kg
 | 1. 250m = \_\_\_\_\_\_\_ km
 |

**Compare using <, >, or =:**

1. 56cm 6m **8)** 7g 698mg

**Write the correct abbreviation for each metric unit.**

1. Kilogram \_\_\_\_\_ **10)** Milliliter \_\_\_\_\_ **11)** Kilometer \_\_\_\_\_

**12)** Meter \_\_\_\_\_ **13)** Millimeter \_\_\_\_\_ **14)** Centimeter \_\_\_\_\_

**15)** Gram \_\_\_\_\_ **16)** Liter \_\_\_\_\_ **17)** Milligram \_\_\_\_\_

**Try these conversions, using the ladder method**

1. 2000 mg = \_\_\_\_\_\_\_\_ g

1. 104 km = \_\_\_\_\_\_\_\_ m
2. 480 cm = \_\_\_\_\_\_\_\_ m
3. 5.6 kg = \_\_\_\_\_\_\_\_ g
4. 8 mm = \_\_\_\_\_\_\_\_ cm
5. 5 L = \_\_\_\_\_\_\_\_ mL
6. 198 g = \_\_\_\_\_\_\_\_ kg
7. 75 mL = \_\_\_\_\_\_\_\_ L
8. 50 cm = \_\_\_\_\_\_\_\_ m
9. 5.6 m = \_\_\_\_\_\_\_\_ cm
10. 16 cm = \_\_\_\_\_\_\_ mm
11. 2500 m = \_\_\_\_\_\_\_ km
12. 65 g = \_\_\_\_\_\_\_ mg
13. 6.3 cm = \_\_\_\_\_\_\_ mm
14. 120 mg = \_\_\_\_\_\_\_\_ g

**Compare using <, >, or =:**

**33)** 63 cm 6 m **34)**  5 g 508 mg **35)** 1,500 mL 1.5 L

**36)**  536 cm 53.6 dm **37)** 43 mg 5 g **38)** 3.6 m 36 cm