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| metric conversions  EHS Cλ3MIs+rγ  Mr. Genest | sad_songs.gif | Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  visit http:genest.weebly.com |

Warmup: Convert 788 Mg to mg

Convert the following measurements using your metric glue in (or the image at http://genest.weebly.com)

1. 1200 ml = \_\_\_\_\_\_\_\_ l
2. 1g = \_\_\_\_\_\_\_\_ kg
3. 1000 m = \_\_\_\_\_\_\_\_ km
4. 34 m = \_\_\_\_\_\_\_\_ km
5. 0.99 kg = \_\_\_\_\_\_\_\_ g

6. 1200 mL = \_\_\_\_\_\_\_\_ μL

7. 807 g =\_\_\_\_\_\_\_\_ kg

8. 436 pm = \_\_\_\_\_\_\_\_ mm

9. 9.08 L = \_\_\_\_\_\_\_\_ mL

10. 0.45 kg = \_\_\_\_\_\_\_\_ g

Compare each pair below using <, >, or =

**[strategy: convert ONE of the measurements into the same units as the OTHER measurement. Then write <, =, or > ]**

11. 58 cm 6m

12. 3.5L 3500 mL

13. 34 mg 5 g

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

1) 2000 mg = \_\_\_\_\_\_\_ g 6) 5 L = \_\_\_\_\_\_\_ mL 11) 16 cm = \_\_\_\_\_\_\_ mm

2) 104 km = \_\_\_\_\_\_\_ m 7) 198 g = \_\_\_\_\_\_\_ kg 12) 2500 m = \_\_\_\_\_\_\_ km

3) 480 cm = \_\_\_\_\_ m 8) 75 mL = \_\_\_\_\_ L 13) 65 g = \_\_\_\_\_ mg

4) 5.6 kg = \_\_\_\_\_ g 9) 50 cm = \_\_\_\_\_ m 14) 6.3 cm = \_\_\_\_\_ mm

5) 8 mm = \_\_\_\_\_ cm 10) 5.6 m = \_\_\_\_\_ cm 15) 120 mg = \_\_\_\_\_ g

**Compare each pair below, using <, >, or =.**

**[strategy: convert ONE of the measurements into the same units as the OTHER measurement. Then write <, =, or > ]**

16) 63 cm 6 m

17) 5 g 508 mg

18) 1,500 mL 1.5 L