Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_

**Worksheet: Metric Conversions and Comparisons**

**Part One:** Convert the following metric measurements

1. 120 mm = \_\_\_\_\_\_\_\_\_\_\_ cm 6. 8kg = \_\_\_\_\_\_\_\_\_\_\_\_ g
2. 2cm = \_\_\_\_\_\_\_\_\_\_\_\_ mm 7. 7000 mL = \_\_\_\_\_\_\_\_\_\_\_ L
3. 12,000 m = \_\_\_\_\_\_\_\_\_\_\_\_ km 8. 5 kg = \_\_\_\_\_\_\_\_\_\_\_\_ g
4. 5cm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm 9. 6 km = \_\_\_\_\_\_\_\_\_\_ m
5. 900 g = \_\_\_\_\_\_\_\_\_\_\_\_\_ kg 10. 0.526 L = \_\_\_\_\_\_\_\_\_\_\_ mL

**Part Two:** Compare using <,>, or =.

11. 4 L \_\_\_\_\_\_ 517 mL

12. 3,483 g \_\_\_\_\_\_ 507 kg

13. 5cm \_\_\_\_\_\_ 31 mm

14. 515 km \_\_\_\_\_\_ 515,000 m

15. 566 kg \_\_\_\_ 5,366 g

**Part Three:** Which unit would be most appropriate to use in the following cases?

16. The mass of a car? Milligrams, kilograms, or grams? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. The length of an ant? Meters, kilometers, or millimeters? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. The volume of a jug of water? Milliliters, kiloliters, or liters? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_