

**Homework Practice****3AF1.4, 3MG1.4***Metric Unit Conversions***Convert each unit.**

1. \_\_\_\_\_ centimeters = 1 meter
2. 1,000 millimeters = \_\_\_\_\_ centimeters
3. \_\_\_\_\_ meters = 2 kilometers
4. 1 liter = \_\_\_\_\_ milliliters
5. \_\_\_\_\_ grams = 5 kilograms
6. \_\_\_\_\_ centimeters = 7 meters
7. 3 kilometers = \_\_\_\_\_ meters
8. 8,000 milliliters = \_\_\_\_\_ liters

**Compare. Use >, <, or =.**

9. 80 km  8,000 m
10. 15 m  15 cm
11. 17,000 g  17 kg
12. 1 L  1,000 mL
13. 100 cm  1 m
14. 100 m  100 mm
15. 1,500 mL  1 L
16. 400 cm  30 m
17. 5,000 g  40 kg

**Choose the most appropriate unit to measure each mass.****Write *gram* or *kilogram*. (Lesson 9-5)**

18. one grape \_\_\_\_\_
21. teapot \_\_\_\_\_
19. a quarter \_\_\_\_\_
22. teaspoon of salt \_\_\_\_\_
20. a bag of pet food \_\_\_\_\_
23. a couch \_\_\_\_\_