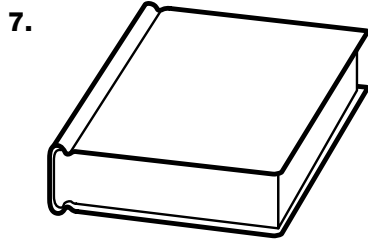Name _____ Date _____

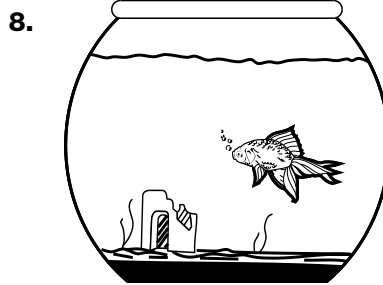# Metric Units of Mass and Capacity

Complete.

1. 4 L = _____ mL

2. 6 kg = _____ g

3. _____ t = 9,000 kg

4. _____ dL = 6 L
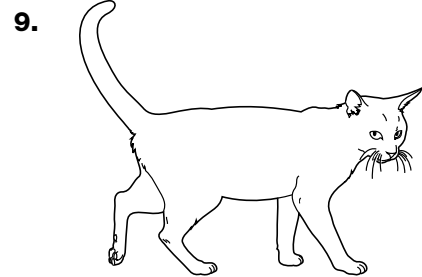
5. _____ mg = 18 g

6. 500 dL = _____ L

Choose the most reasonable measure for each.

7.

a 950 mg
b 950 g
c 9 kg

8.

a 200 mL
b 2 dL
c 2 L

9.

a 3 kg
b 300 g
c 3,000 mg

Compare. Write >, <, or = for each ◯.

10. 6 g ◯ 7,000 kg

11. 3 L ◯ 3,000 mL

12. 8,200 mL ◯ 82 L

13. 38 L ◯ 3,800 dL

14. 27 t ◯ 27,000 kg

15. 510 g ◯ 5,100 mg

For Exercises 16–17, tell which metric unit you would choose to measure each. Explain your choice.

16. the mass of an orange

17. the amount of soup in a cup

_____

_____

Test Prep

18. A car gas tank holds 85 liters of gas. A second car's tank holds 860 deciliters of gas. How much more gas does the second car's tank hold?

   A 1 dL   **C** 10 L

   B 10 dL   **D** 1,000 L

19. If 20 apples have a mass of 3 kg, what is the approximate mass in grams of each apple?

   _____

Use with text pages 160–162.