Metric Units of Mass and Capacity

Metric Units of Mass	Metric Units of Capacity
1,000 milligrams (mg) = 1 gram (g)	1,000 milliliters (mL) = 1 liter (L)
1,000 grams = 1 kilogram (kg)	10 deciliters (dL) = 1 liter (L)
1,000 kilograms = 1 metric ton (t)	

Complete.

1. 8 L = _____ dL

2. _____ t = 6,000 kg

3. 9 g = _____ mg

4. _____ L = 50,000 mL

5. 8 kg = _____ g

6. 20 t = _____ kg

Compare. Write >, <, or = for each ◯.

7. 16 dL ◯ 160 L

8. 7 kg ◯ 700 g

9. 13 t ◯ 13,000 kg

Tell which metric unit you would choose to measure each. Explain your choice.

10. amount of juice in a large pitcher _____

11. mass of a car _____

12. mass of a box of cereal _____

13. amount of honey on a spoon _____

Problem Solving

Show Your Work

14. The mass of Box A is 3 kg. The mass of Box B is 2 kg 550 g. The mass of Box C is 3,500 g. How would you list the boxes from least to greatest mass? Tell how you found your answer.

Use with text pages 160–162.