

# Metric Units of Mass

Choose the unit you would use to measure the mass of each. Write *g* or *kg*.

1. a ruler  
\_\_\_\_\_
2. a computer printer  
\_\_\_\_\_
3. a computer disk  
\_\_\_\_\_

4. a tomato  
\_\_\_\_\_
5. an envelope  
\_\_\_\_\_
6. a bicycle  
\_\_\_\_\_

Choose the better estimate.

7. a book  
1 g or 1 kg  
\_\_\_\_\_
8. a peanut  
1 g or 100 g  
\_\_\_\_\_
9. a pair of boots  
200 kg or 2 g  
\_\_\_\_\_

10. a scarf  
60 g or 60 kg  
\_\_\_\_\_
11. a car  
800 g or 800 kg  
\_\_\_\_\_
12. a bowling ball  
70 g or 7 kg  
\_\_\_\_\_

Complete.

13. 2,000 g = \_\_\_\_\_ kg    14. 6,000 g = \_\_\_\_\_ kg    15. 1 kg = \_\_\_\_\_ g

Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

16. 700 g  $\bigcirc$  1 kg    17. 3 g  $\bigcirc$  3,000 kg    18. 5 kg  $\bigcirc$  5,000 g



## Test Prep

19. Roberto measured the mass of a ring. Which is the best estimate of the mass of a ring?

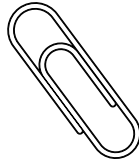
- A 4 g                      C 700 g  
B 4 kg                     D 700 kg

20. Wanda measured the mass of a pumpkin. The pumpkin had a mass of 8 kg. How many grams of mass did the pumpkin have? Explain how you found your answer.
- \_\_\_\_\_
- \_\_\_\_\_

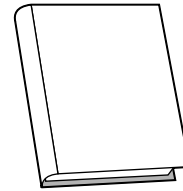
# Metric Units of Mass

The amount of matter in an object, or **mass**, can be measured with **grams (g)** and **kilograms (kg)**.

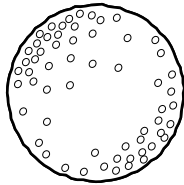
A paper clip has a mass of about **1 gram**.



A book has a mass of about **1 kilogram**.



A grapefruit has a mass of about **500 grams**.



1 kilogram = 1,000 grams

**Choose the unit you would use to measure the mass of each. Write *g* or *kg*.**

1. an apple

\_\_\_\_\_

2. a car

\_\_\_\_\_

3. a vitamin

\_\_\_\_\_

4. a strawberry

\_\_\_\_\_

5. a sheet of drawing paper

\_\_\_\_\_

6. a bookcase

\_\_\_\_\_

**Choose the better estimate.**

7. a drinking glass  
250 g or 20 kg

8. a pencil  
15 g or 500 g

9. a box of crayons  
400 kg or 400 g

10. a cat  
3 g or 3 kg

11. a piece of chalk  
10 g or 10 kg

12. a chair  
400 g or 4 kg