

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Use the chart to help you answer the following questions:

| 1 kilogram | 100 grams | 10 grams | 1 gram |
|------------|-----------|----------|--------|
|            |           |          |        |

- a. Isaiah puts a 10-gram weight on a pan balance. How many 1-gram weights does he need to balance the scale?
- b. Next, Isaiah puts a 100-gram weight on a pan balance. How many 10-gram weights does he need to balance the scale?
- c. Isaiah then puts a kilogram weight on a pan balance. How many 100-gram weights does he need to balance the scale?
- d. What pattern do you notice in Parts (a–c)?

2. Read each digital scale. Write each weight using the word *kilogram* or *gram* for each measurement.

