

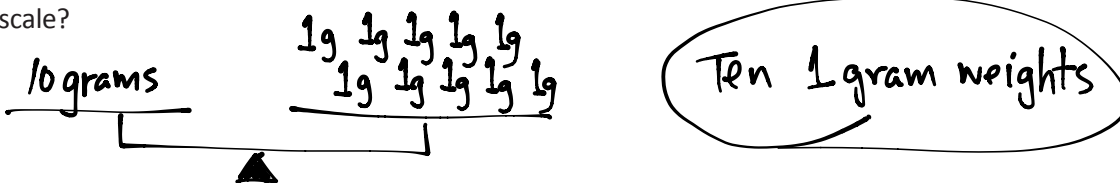
Name \_\_\_\_\_

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)?

Ten weights in one place value column equals the same as 1 weight in the next column to the left.

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



3 kilograms



6 kilograms



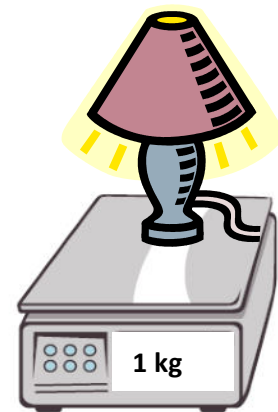
450 grams



907 grams



11 kilograms



1 kilogram