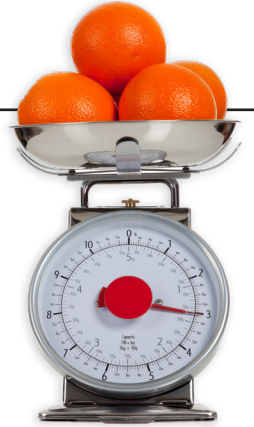


Name: \_\_\_\_\_

# Grams and Kilograms: Questions



1. Name three things that weigh less than a gram.

\_\_\_\_\_

2. If you know the weight of an object in kilograms, explain how you could find the weight in grams.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. A one-dollar bill weighs one gram. How much would a five-dollar bill weigh? Explain.

\_\_\_\_\_  
\_\_\_\_\_

4. A penny weighs 3 grams. A nickel weighs 5 grams. A dime weighs 2 grams. How much would three dimes, two nickels, and a penny weigh? Show your work.

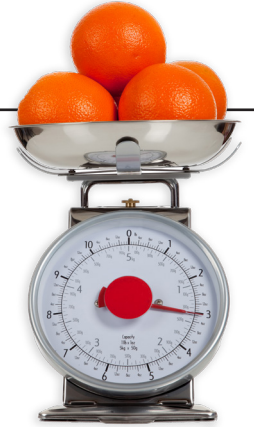
answer: \_\_\_\_\_

5. A quarter weighs 6 grams. How much would \$2.50 in quarters weigh? Show your work.

answer: \_\_\_\_\_

# ANSWER KEY

## Grams and Kilograms: Questions



1. Name three things that weigh less than a gram.

Answers will vary. Sample answers: grain of rice, needle, leaf

2. If you know the weight of an object in kilograms, explain how you could find the weight in grams.

To find the weight in grams, multiply by 1,000.

3. A one-dollar bill weighs one gram. How much would a five-dollar bill weigh? Explain.

One gram. A five-dollar bill is made of the same size and type of paper as a one-dollar bill.

4. A penny weighs 3 grams. A nickel weighs 5 grams. A dime weighs 2 grams. How much would three dimes, two nickels, and a penny weigh? Show your work.

answer: 19 grams       $6 \text{ g (dimes)} + 10 \text{ g (nickels)} + 3 \text{ g (penny)} = 19 \text{ grams}$

5. A quarter weighs 6 grams. How much would \$2.50 in quarters weigh? Show your work.

answer: 60 grams       $\$2.50 = 10 \text{ quarters}$        $10 \times 6 = 60 \text{ grams}$