

Name _____

Estimate and Measure Mass

COMMON CORE STANDARD CC.3.MD.2

Solve problems involving measurement and intervals of time, liquid volumes, and masses of objects.

Choose the unit you would use to measure the mass. Write *gram* or *kilogram*.

1. CD



_____ **gram** _____

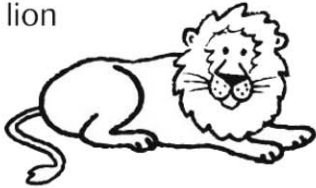
2. boy



3. bag of sugar



4. lion



5. paper clip

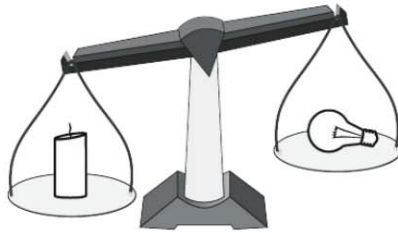


6. empty plastic bottle



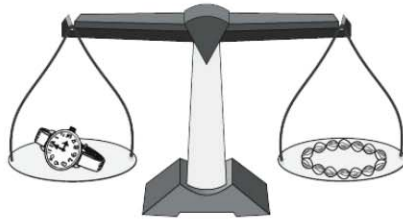
Compare the masses of the objects. Write *is less than*, *is the same as*, or *is more than*.

7.



The mass of the candle _____
the mass of the light bulb.

8.



The mass of the watch _____
the mass of the necklace.

Problem Solving **REAL WORLD**

9. A red ball has a mass that is less than 1 kilogram. A blue ball has a mass of 1 kilogram. Is the mass of the blue ball more than or less than the mass of the red ball?

10. Brock's dog is a collie. To find the mass of his dog, should Brock use *grams* or *kilograms*?

Lesson Check (CC.3.MD.2)

- Which unit of measure would you use to measure the mass of a grape?

(A) gram	(C) kilogram
(B) inch	(D) meter
- Elsie wants to find the mass of her pony. Which unit should she use?

(A) gram	(C) kilogram
(B) liter	(D) centimeter

Spiral Review (CC.3.OA.2, CC.3.OA.8, CC.3.MD.2)

- Marsie blew up 24 balloons. She tied the balloons together in groups of 4. How many groups did Marsie make? (Lesson 6.3)

(A) 5	(C) 7
(B) 6	(D) 8
- Clark used the order of operations to find the unknown number in $15 - 12 \div 3 = n$. What is the value of the unknown number? (Lesson 7.11)

(A) 1	(C) 9
(B) 6	(D) 11

Use the pictures for 5–6. Ralph pours juice into four bottles that are the same size.

- Which bottle has the most amount of juice? (Lesson 10.7)

(A) Bottle A	(C) Bottle C
(B) Bottle B	(D) Bottle D
- Which bottle has the least amount of juice? (Lesson 10.7)

(A) Bottle A	(C) Bottle C
(B) Bottle B	(D) Bottle D

