

Name _____

Estimate and Measure Mass

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

1. CD



gram

2. boy



kilogram

3. bag of sugar



kilogram

4. lion



kilogram

5. paper clip



gram

6. empty plastic bottle



gram

Lesson 10.8

COMMON CORE STANDARD—3.MD.2
Solve problems involving measurement and intervals of time, liquid volumes, and masses of objects.Compare the masses of the objects. Write *is less than*, *is the same as*, or *is more than*.

7.



is more than

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

more than

8.



is the same as

The mass of the watch
the mass of the necklace.

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

kilograms

Lesson Check (3.MD.2)

- Which unit of measure would you use to measure the mass of a grape? Write *gram* or *kilogram*.
- Elsie wants to find the mass of her pony. Which unit should she use? Write *gram* or *kilogram*.

gram

kilogram

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

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

6 groups

11

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

5. Which bottle has the most amount of juice?

Bottle A

6. Which bottle has the least amount of juice?

Bottle D

