

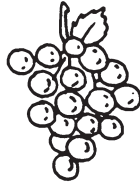
Name _____

Estimate and Measure Mass

Mass is the amount of matter in an object. You can measure mass using the metric units **gram** (g) and **kilogram** (kg).

Should you use gram or kilogram to measure the mass of a penny?

The mass of one grape is about 1 gram.



The mass of a book is about 1 kilogram.

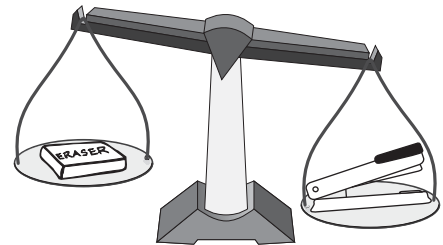


Think: The mass of a penny is closer to the mass of a grape than to the mass of a book. So, use **grams** to measure the mass of a penny.

You can use a pan balance to compare the masses of an eraser and a stapler.

Think: The pan with the stapler is lower.

So, the mass of a stapler is **more than** the mass of an eraser.



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

1. cherry



2. cat



3. pencil



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

The mass of the pencil _____
the mass of the apple.

