

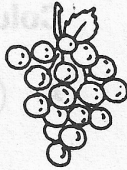
Name _____

Estimate and Measure Mass

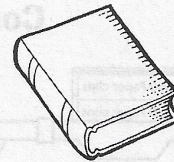
Mass is the amount of matter in an object. You can measure mass using the metric units **gram (g)** and **kilogram (kg)**.

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.

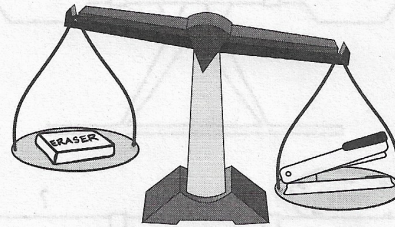


Think: The mass of a penny is closer to the mass of a grape than to the mass of a book. So, use **grams** to measure the mass of a penny.

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 *is less than*, *is the same as*, or *is more than*.

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

