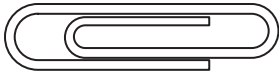


Units of Mass

Mass is the measure of how much matter is in an object. Units of mass include grams (g) and kilograms (kg).

$$1 \text{ kilogram} = 1,000 \text{ grams}$$

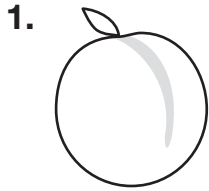
A paper clip has a mass of about 1 gram.



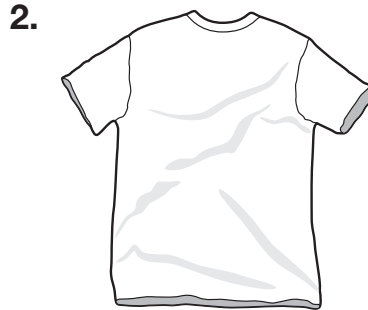
A large baseball bat has a mass of about 1 kilogram.



Choose the better estimate for each.



150 g or 3 kg



1 g or 100 g



300 g or 3 kg

4. soccer ball
10 g or 1 kg

5. tiger
30 kg or 300 kg

6. dime
2 g or 2 kg

7. **Reason** Julie has a box of paper clips that have a mass of 1 gram each. The entire box has a mass of 1 kilogram. How many paper clips are in the box? Explain your answer.
