

Name: _____

Grams and Kilograms

A **gram** (g) is used to measure the weight or mass of very light objects.
A small paperclip weighs about a gram.

A **kilogram** (kg) is used to measure the weight or mass of heavier objects.
A one-liter bottle of water weighs about a kilogram.

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

$$3 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$6,000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$3 \text{ kg} \times 1,000 = 3,000 \text{ g}$$

$$6,000 \div 1,000 = 6 \text{ kg}$$

$$3 \text{ kg} = 3,000 \text{ g}$$

$$6,000 \text{ g} = 6 \text{ kg}$$



1. A squirrel weighs about.... **a.** 10 grams **b.** 100 grams **c.** 1 kilogram
2. A cell phone weighs about... **a.** 1 gram **b.** 120 grams **c.** 2 kilograms
3. A watermelon weighs about... **a.** 500 grams **b.** 2 kilograms **c.** 13 kilograms

4. 8 kg = _____

6. 5,000 g = _____

8. 10,000 g = _____



~ PREVIEW ~

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10. Jan's cat weighs 4 kg. Carl's cat weighs 2,900 grams. Whose cat is heavier? Explain.

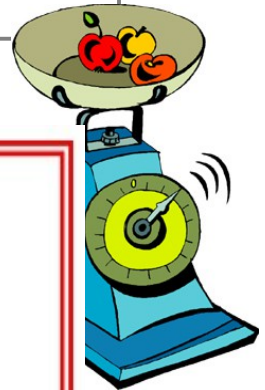
ANSWER KEY

Grams and Kilograms

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



- 1.
- 2.
- 3.
- 4.
- 6.
- 8.
- 10.

~ PREVIEW ~

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kilogram
kilograms
3 kilograms

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