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.
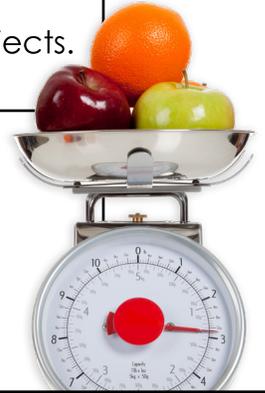A one-liter bottle of water weighs about a kilogram.

1 kilogram = 1,000 grams

3 kg = _____ g   6,000 g = _____ kg

3 kg x 1,000 = 3,000 g   6,000 ÷ 1,000 = 6 kg

Preview

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6.   5,000 g = _____ kg   **7.**   7 kg = _____ g

8.   10,000 g = _____ kg   **9.**   30 kg = _____ g

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

_____

_____

_____

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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.

1.

2.

3.

4.

6.

8.

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

Jan's cat weighs more. Four kilograms equals 4,000 grams.

4,000 is greater than 2,900, therefore Jan's cat is heavier.