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

<table>
<thead>
<tr>
<th>3 kg = ____ g</th>
<th>6,000 g = ____ kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 kg x 1,000 = 3,000 g</td>
<td>6,000 ÷ 1,000 = 6 kg</td>
</tr>
<tr>
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<td>6,000 g = 6 kg</td>
</tr>
</tbody>
</table>

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 = _______ g

6. 5,000 g = _______ kg

8. 10,000 g = _______ kg

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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 = 8,000 g

5. 2,000 g = 2 kg

6. 5,000 g = 5 kg

7. 7 kg = 7,000 g

8. 10,000 g = 10 kg

9. 30 kg = 30,000 g

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

    Jan’s cat weighs more. Four kilograms equals 4,000 grams. 4,000 is greater than 2,900, therefore Jan’s cat is heavier.