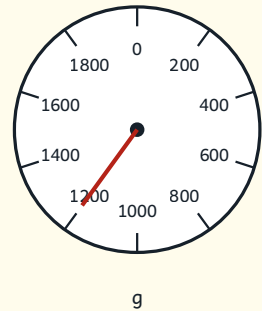
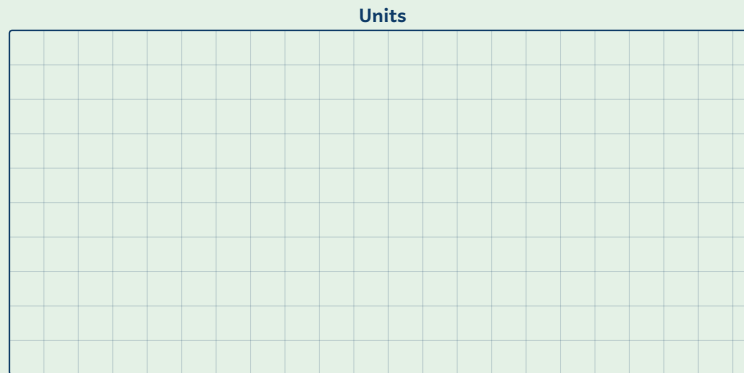


- 1 The **1** kg is whole kilograms, so multiply by **1,000**: $1 \times 1,000 = 1,000$ g.
- 2 Add the extra **200** g: $1,000$ g + 200 g = **1,200** g.
- 3 The scale needle points to **1,200** g.



Use the squared space to set out each weight conversion and show your working.



1. Set out 3 kg = ____ g and 4,000 g = ____ kg, writing beside each whether you multiply or divide by 1,000.
2. Work out 1 kg 200 g = ____ g, showing the 1 x 1,000 step and then adding on the 200 g.
3. Rename 1,750 g and 2,750 g into kilograms and grams, splitting each into thousands and the leftover grams.

1 A shop stacks **3 kg** of sugar on the shelf. How many grams of sugar is that?

Sean renames 2 kg in grams like this:

$$2 \text{ kg} = 2 \times 100 = 200 \text{ g}$$

Sean used the wrong factor. What is the correct answer?

A senior Gaelic football must weigh between **480 g and 500 g** when dry — just under **half a kilogram**.



REFLECT When you rename a unit, do you multiply or divide — and how do you remember which way?