

**You will need:**

- Several oranges
- Kitchen scales or a set of balance scales with weights

**What to do:**

1. Set the scales up to measure in grams (g).
2. Make sure that the scales read zero (0g) when there is no orange on them.
3. Place the oranges in the middle of the scales, one at a time.
4. Record the weight of each orange. Be sure you keep your oranges in a line, so you know which weight applies to each orange. You can label your oranges with a letter if you want.

**What to do:**

Make sure you write down how you found your answers.

1. Choose two or three oranges. Work out the combined weight of those oranges. Check the combined weight by putting the oranges on the scales together.
2. Find the average weight of the set of oranges. (You may need your teacher's help).
3. Use the answer to Problem 2 to work out how many oranges you get in 1 kilogram (1kg). The answer may not be a whole number.

How many oranges will you get in a 10kg bag?

