



Challenge

Sort these measurements into three groups:

- length measurements
- mass measurements
- volume and capacity measurements.

0.4 kg	1750 m	$\frac{1}{3}$ litre	500 ml	18 cm
300 ml	1.2 kg	0.75 litre	20 cm	1200 g
$3\frac{3}{5}$ cm	0.5 litre	40 cm	0.25 kg	$\frac{3}{4}$ litre
$\frac{1}{4}$ kg	190 mm	$\frac{4}{5}$ kg	1.7 km	38 mm
0.8 litre	$\frac{2}{5}$ m	0.2 m	600 g	$1\frac{1}{4}$ litre

Then, using measurements from the same group, complete one each of these five statements for each group of measurements.

$$\square > \square$$

$$\square < \square < \square$$

$$\square = \square$$

$$\square < \square > \square$$

$$\square > \square < \square$$

Choose one of your statements from each group and explain how you know your statement is correct.

Think about ...

Think about converting measurements to the same unit before comparing them.



Try to use each of the 25 measurements at least once in your statements.

What if?

Look at your three groups of measurements.
Order each group, starting with the smallest.

When you've finished, turn to page 80.

