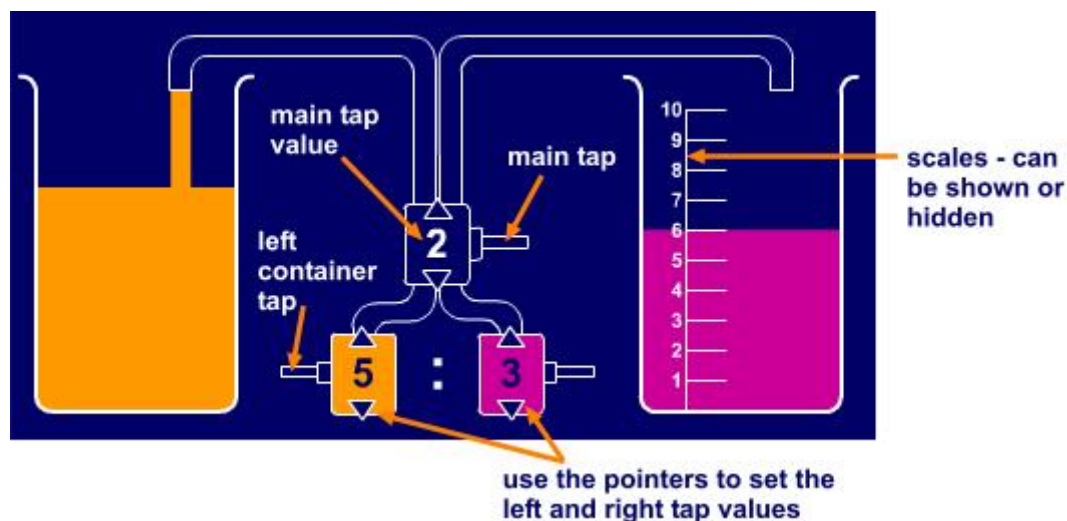


Ratio and proportion

This ITP two on-screen containers, holding different coloured liquids, to model ratio and proportion. Each container has its own tap which can be set to deliver liquid in units of 1 to 10. In the example below the left-hand tap is set to 5 and the right-hand tap to 3 to deliver a ratio of 5:3.

A main tap can be set to deliver multiples of the amount on the left and right-hand taps. In the example below it is set to 2 so the left-hand container will receive 10 units and the right-hand container will receive 6 units.



100
50
20
10
10

Each container has a scale which can be shown or hidden.

The scale can be set to 10, 20, 50 or 100 units.

Click here to reveal the scale options.

☐
☐
☐
☐
☐
☐

Show or hide the drain scale.

Show or hide the right-hand scale.

Show or hide the left-hand scale.

Show or hide all three scales.

Click here to reveal scale display options.

Proportion can be modelled using the drain container which receives whatever is in the left and right-hand containers.



Click here to show or hide the drain container.

Each container has a drain tap which delivers the liquid into the drain container.

The two liquids stay separated so that you can measure the total amount of liquid and the individual proportions.

