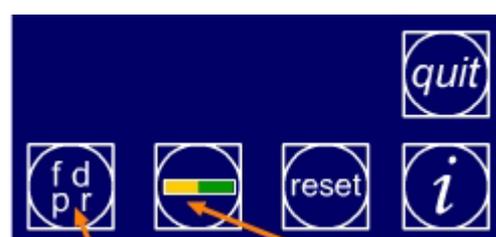
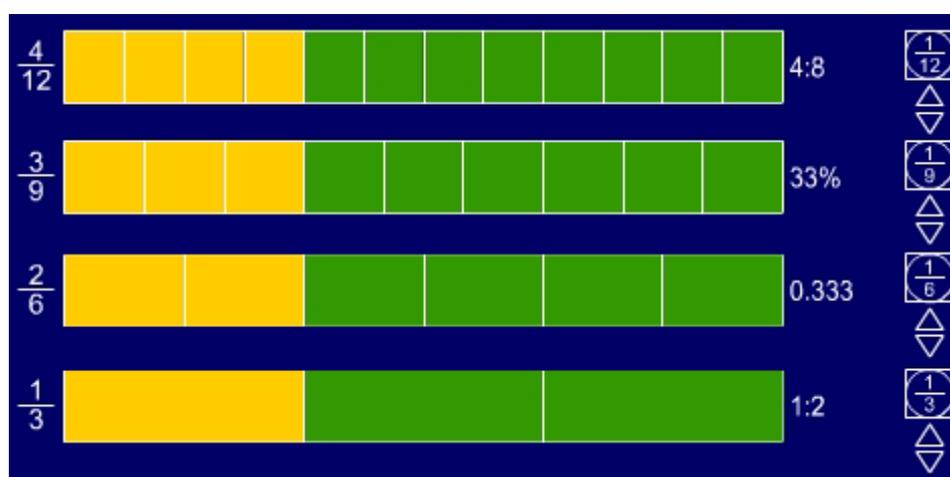


Fractions

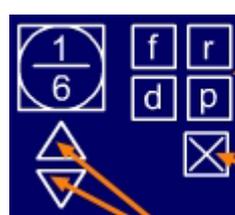
This ITP allows you to divide a green strip into a number of equal parts and colour the individual parts in yellow. You can label the strip to show what proportion the coloured yellow parts are of the whole strip. This can be shown as a vulgar fraction, decimal (to 3 decimal places) or percentage. The ratio of yellow to green can also be displayed. You can create more than one strip and drag these up and down the screen to compare strips.

The ITP can be used to explore equivalence between fractions, decimals and percentages and the different representations of the same relative quantities. The equal parts on the strips can also be used to demonstrate how to calculate fractions and percentages of given amounts and to represent a horizontal bar chart. The ITP can be used to set up and solve ratio and proportion problems.



show or hide the fraction, decimal, percentage, ratio buttons

open a new fraction strip (up to 5)



use the pointers to increase or decrease the denominator

show the yellow section's fraction, decimal or percentage of the whole strip - or the ratio of yellow to green

remove this fraction strip