Look at this ratio for making orange paint.

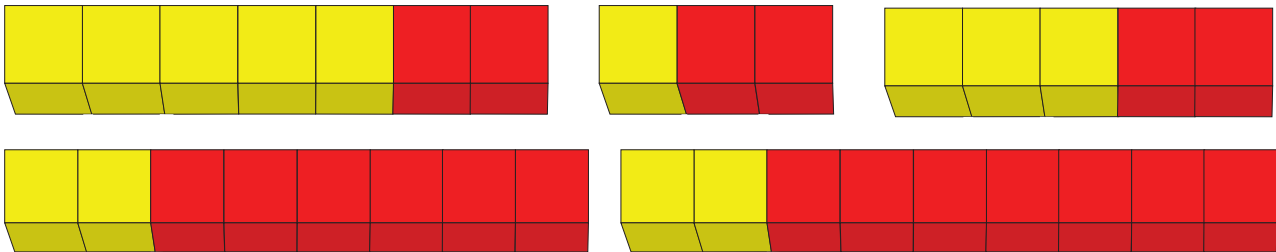The ratio of yellow parts to red parts can be written as 7:3.

The number of yellow cubes equals 7 and the number of red cubes equals 3.

The whole mixture is $\frac{7}{10}$ yellow and $\frac{3}{10}$ red.

The information can be put in a table like this:

Ratio of yellow to red	Number of yellow parts	Number of red parts	Total number of parts	Fraction of yellow parts	Fraction of red parts
7:3	7	3	10	$\frac{7}{10}$	$\frac{3}{10}$

Here are different ratios for making orange paint. Match the diagrams to the ratios and complete the table.

Ratio of yellow to red	Number of yellow parts	Number of red parts	Total number of parts	Fraction of yellow parts	Fraction of red parts
2:7			9	$\frac{2}{9}$	
1:2					
3:2					
5:2					
3:5					

nzmaths.