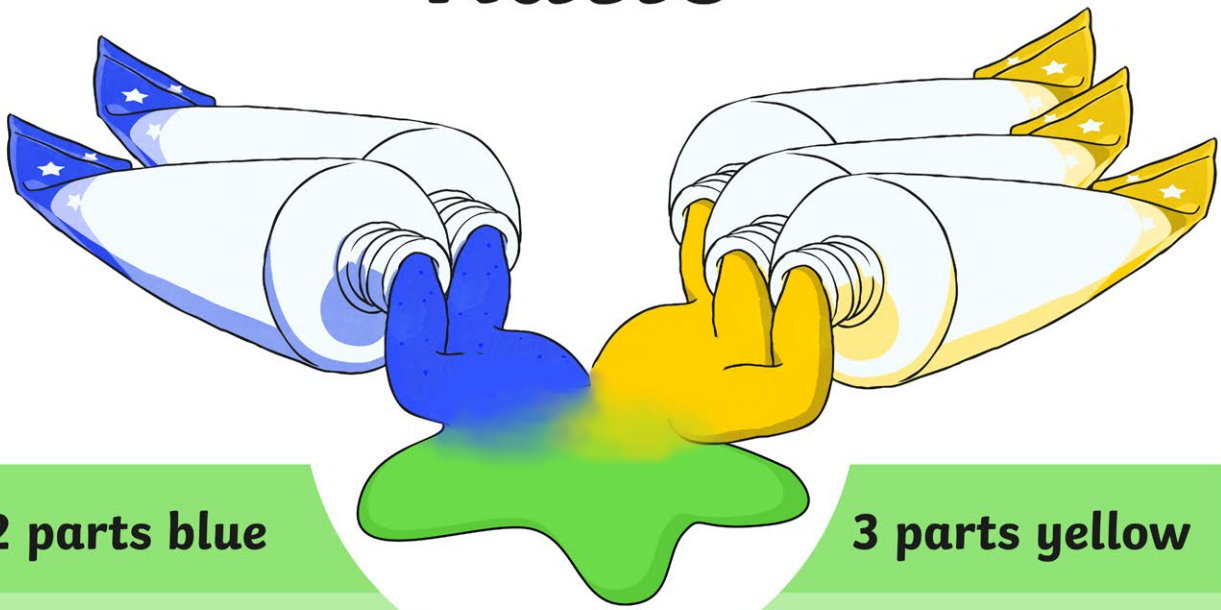


Ratio



2 parts blue

3 parts yellow

A ratio shows the relative sizes of two or more values.

Green paint is made by mixing blue and yellow paint in the ratio

2:3

You could apply this ratio to different quantities to make different amounts of the end product. For example 2 tablespoons to 3 tablespoons or 2 litres to 3 litres.

Concrete contains sand and cement in a ratio 5:2. You can scale up or down in a ratio as long as you multiply or divide by the same number, for example 10:4 is $2 \times 5:2$.



A recipe for pancakes uses 3 cups of flour and 2 cups of milk. The ratio of flour to milk is 3:2. To make 4 times as many pancakes we multiply the numbers by 4.
 $3 \times 4 : 2 \times 4 = 12:8$
The ratio is still the same.