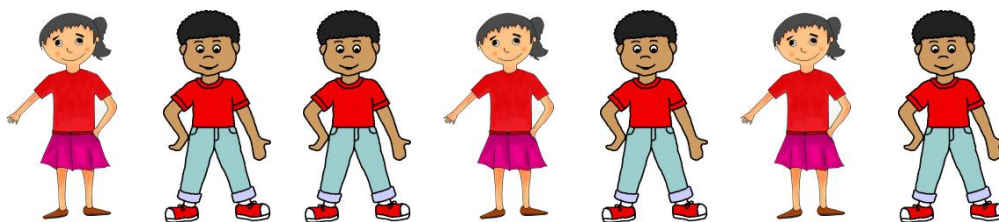# RATIO

A ratio is used to compare two or more quantities.

The ratio of boys to girls is 4:3.

Simplifying Ratio

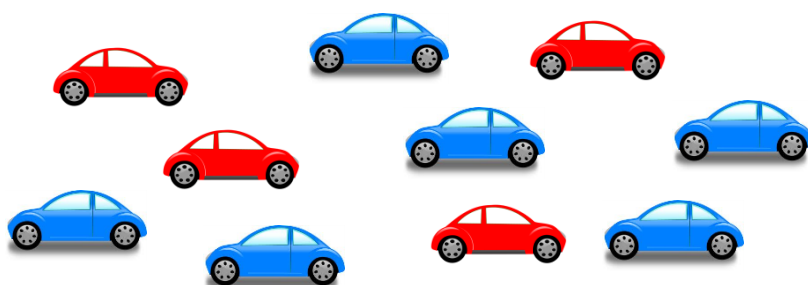The ratio of red cars to blue cars is

4:6

This can be simplified by dividing each part of the ratio by the highest common factor.

Red:Blue

4:6

2:3

Ratio Calculations

Example

An orange drink juice and water are mixed in the ratio 1:4.

How much juice is needed when you use 300ml of water?

Juice : Water

1 : 4

x : 300

x 75

We multiply 4 by 75 to get 300. So multiply 1 by 75 to get x. x = 1 x 75 = 75ml

Ratio Practice

http://www.supermathsworld.com/ Ask your teacher for login details.

Select the NUMBER menu. Select RATIO. Try on EASY and MEDIUM level.

http://www.bbc.co.uk/bitesize/standard/maths_i/numbers/ratio/revision/1/   Page 1

http://www.mathsisfun.com/numbers/ratio.html

Learn about ratio. Try the questions at the bottom of the page.