

# Ratios

Class	Boys	Girls
Mr Brown	15	15
Ms Train	12	20
Ms Cruz	20	15
Mr. Graf	8	24
Total	55	74

Fraction

$\frac{\text{part}}{\text{total}}$

Ms Cruz has  
of all the boys.

$$\frac{20 \div 5}{55 \div 5} = \frac{4}{11}$$

Ratio part to part

Ms. Cruz's ratio of  
boys to girls is

$$20 \text{ to } 15$$

$$\div 5 \quad \div 5$$

$$4 \text{ to } 3$$



5 to 3 is the ratio of  
— to —

$$\textcircled{5 \text{ to } 3} \xrightarrow{\times 2} \textcircled{10 \text{ to } 6}$$

$$5 \text{ mill to } 3 \text{ mill} = 50 \text{ to } 30$$

$$100 \text{ to } 60 = 20 \text{ to } 12$$

$$15 \text{ to } 9 = 30 \text{ to } 18$$

$$35 \text{ to } 21 = 5,000 \text{ to } 3,000$$

$$25 \text{ to } 15 = 5 \text{ trillion to } 3 \text{ trillion}$$

8 to 6 is the ratio of

— to —

$\textcircled{4 \text{ to } 3}$

Simplified  
ratio

9 to 6 is the ratio.

$\textcircled{3 \text{ to } 2}$