

RATIO - Comparing two quantities by division.

Example: 80% is a ratio of 80 to 100.



WRITTEN IN 3 WAYS

Ex. 80%

80 to 100

80:100

$\frac{80}{100}$

simplify to find equivalent ratios. 4 to 5



PART TO WHOLE

Ratio of boys to class

CLASS	No. of Students
BOYS	15
GIRLS	+ 10

25

15 boys to 25 students; 15 boys:25 students; $\frac{15 \text{ boys}}{25 \text{ students}}$



Ratio of stars to figures

2 to 8 2:8 $\frac{2}{8}$

1 to 4 1:4 $\frac{1}{4}$

PART TO PART

Ratio of boys to girls

CLASS	No. of Students
BOYS	15
GIRLS	10

15 boys to 10 girls 15B:10G $\frac{15B}{10G}$

3 boys to 2 girls 3B:2G $\frac{3B}{2G}$



Ratio of stars to hearts

2 starts to 4 hearts 2S:4H $\frac{2s}{4h}$

1 to 2 1:2 $\frac{1}{2}$