

Name _____

Date _____

Unit 12 · Ratio and proportion — glossary

All 12 key words, with a worked example for each.

Term	Meaning	Example
ratio	A comparison of amounts, part with part.	$3 : 2$.
simplest form	Every part divided by their HCF.	$12 : 18 = 2 : 3$.
equivalent ratio	The same comparison, different numbers.	$2 : 3 = 8 : 12$.
part	One share in a ratio.	$2 : 3$ has 5 parts.
share	One person's amount.	20 shared $2 : 3$ gives 8 and 12.
total parts	The sum of the ratio numbers.	$2 + 3 = 5$.
proportion	A comparison of a part with the whole.	$2 : 3$ means $\frac{2}{5}$ and $\frac{3}{5}$.
direct proportion	When one doubles, so does the other.	Cost and quantity.
unitary method	Find the value of one, then scale up.	Divide, then multiply.
rate	How much of one goes with one of the other.	\$4 per pen.
inverse proportion	When one doubles, the other halves.	Workers and time.
scale	A ratio comparing a drawing with reality.	$1 : 50\,000$ on a map.