

Simplifying Ratios *ramp up*

ANSWERS

a Find the missing number in $2 : 3 = 8 : ?$ 12 an equivalent ratio (multiply both)	b Simplify $10 : 15$ 2 : 3 simplifying a ratio	c Simplify $18 : 24$ 3 : 4 the simplest form (divide by the HCF)	d Simplify $35 : 7$ 5 : 1 keeping the order and a part of 1
e Simplify $12 : 18 : 15$ 4 : 6 : 5 a ratio with three parts	f Simplify $50 \text{ cm} : 2 \text{ m}$ 1 : 4 the same units first	g Simplify $1.5 : 2$ 3 : 4 a ratio with a decimal	h Simplify $0.2 : 0.06$ 10 : 3 decimals to different places
i Simplify $\frac{1}{2} : \frac{1}{3}$ 3 : 2 a ratio of fractions	j Write $4 : 10$ in the form $1 : n$ 1 : 2.5 the form $1 : n$	k Write $12 : 3$ in the form $1 : n$ 1 : 0.25 $1 : n$ with n less than 1	l $a : b = 2 : 3$ and $b : c = 4 : 5$. Find $a : b : c$ 8 : 12 : 15 combining two ratios into one

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