

GO!	RATIO	1E
Simplify 54 : 42	A	Jen has 16 triangles & 28 circles. Express this as the ratio <i>triangles : circles</i>
Max & Matt share some cookies in the ratio 2 : 5. Express the cookies Max got as a fraction.	C	$a : b : c = 11 : 1 : 8$ Describe a as a percentage of the whole.
Divide 51 into the ratio 5 : 12	E	Divide 2.8 km into the ratio 2 : 5
x is divided into the ratio 8 : 3. The smaller share is 39. How much is the larger share?	G	y litres of water is divided into the ratio 3 : 11. The larger share is 2 litres greater. How large is the smaller share?
Express 2 : 1 in the form 1 : n	I	$a : b = 1 : 7$ $a : c = 2 : 5$ Express the ratio $a : b : c$

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<p>Simplify 54 : 42</p> $\begin{array}{r} \div 6 \qquad \div 6 \\ 54 : 42 \\ \hline = 9 : 7 \end{array}$	<p>A Jen has 16 triangles & 28 circles. B Express this as the ratio <i>triangles : circles</i></p> $16 : 28 = 4 : 7$
<p>Max & Matt share some cookies C in the ratio 2 : 5 Express the cookies Max got as a fraction.</p> $\frac{2}{7}$	<p>D $a : b : c = 11 : 1 : 8$ Describe a as a percentage of the whole.</p> $\frac{11}{20} = \frac{55}{100} = 55\%$
<p>Divide 51 into the ratio 5 : 12 E</p> $\begin{array}{r} 5 + 12 = 17 \\ 51 \div 17 = 3 \\ 15 \text{ \& } 36 \end{array}$	<p>F Divide 2.8 km into the ratio 2 : 5</p> $\begin{array}{r} 2 + 5 = 7 \\ 2800 \text{ m} \div 7 = 400 \text{ m} \\ 800 \text{ m \& } 2 \text{ km} \end{array}$
<p>x is divided into the ratio 8 : 3 G The smaller share is 39. How much is the larger share?</p> $\begin{array}{r} 39 \div 3 = 13 \\ 13 \times 8 = 104 \end{array}$	<p>H y litres of water is divided into the ratio 3 : 11 The larger share is 2 litres greater. How large is the smaller share?</p> $\begin{array}{r} 11 - 3 = 8 \\ 2000 \text{ ml} \div 8 = 250 \\ 250 \times 3 = 750 \text{ ml} \end{array}$
<p>Express 2 : 1 in the form 1 : n I</p> $1 : \frac{1}{2}$	<p>J $a : b = 1 : 7$ $a : c = 2 : 5$ Express the ratio $a : b : c$</p> $2 : 14 : 5$