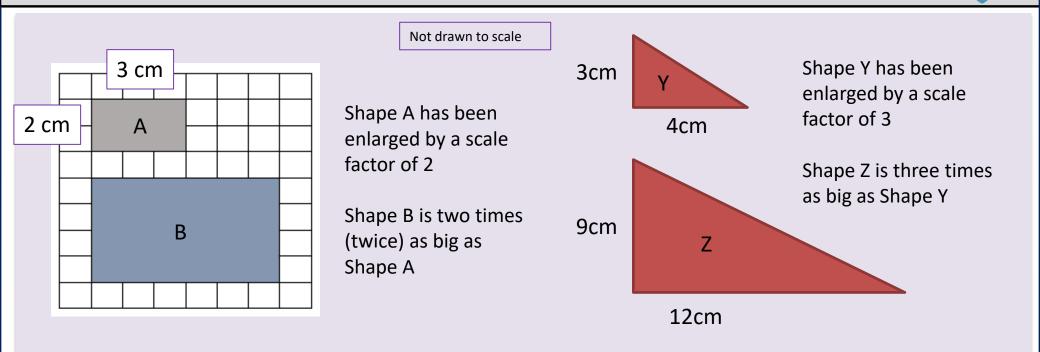
Y6 Mathematics		Ratio			
Ratio – Language, Symbols and Fractions			Vocabular	Vocabulary	
<b>\$</b> ;	blue : pink 1 : 2	The ratio of blue flowers to pink flowers is 1 : 2	ratio	How much there is of one thing compared to another thing	
For every blue flower there are 2 pink flowers	1.2	<ul> <li><u>1</u> of the flowers are blue <u>2</u> are pink</li> <li>3</li> </ul>	proportion	Proportion says that two ratios or fractions are equal	
0000	football : rugby 1 : 4	The ratio of footballs to rugby balls is 1 : 4 The ratio of rugby balls to footballs is 4 : 1	scale factor	The enlargement of a quantity is determined by its scale factor. A scale factor of 3 means 3 times as large	
For every football there are 4 rugby balls			enlarge	To make bigger	
		1are footballs4are rugby balls55	similar	One shape is an exact enlargement of another	
apples : bananas : oranges 1 : 2 : 3			— ··	<u>1</u> are apples 6 <u>2</u> are bananas	
			<u>2</u> are bana		
The ratio of apples to bananas is 1 : 2 The ratio of bananas to oranges is 2 : 3		The ratio of apples to bananas to oranges is 1:2:3	-	6 <u>3</u> are oranges 6	
circle : triangle	valaa havu	cle:triangleIf there are triangles, ho many circles are there?1: 32: 12	<sup>w</sup> 1 : 3	C	

## **Y6 Mathematics**

Ratio





**Ration and Proportion - Links to Multiplication and Division** 

To make 12 biscuits, double the amounts for 6 biscuits Chocolate chip biscuits (makes 6)

120 g butter

72 g sugar

180 g plain flour

60 g chocolate chips

To make 3 biscuits, halve the amounts for 6 biscuits

Divide the amounts by 6 for 1 biscuit