Y6 Mathematics	Ratio				
Ratio – Language, Symbols and Fractions				Vocabulary	
🔅 🔅 🔅	blue : pink	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	1 of the flowers are blue 2 a 3 3	are pink	proportion	Proportion says that two ratios or fractions are equal
00000	football : rugby 1 : 4	The ratio of footballs to rugby balls is 1 : 4 The ratio of rugby balls to footballs		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		is 4 : 1		enlarge	To make bigger
		<u>1</u> are footballs <u>4</u> are rugby 5 5	/ balls	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	
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 1 : 3	there are 4 circ rcles, how hany triangles x4 (1 re there? 4	le:triangle If : 3) x4 m : 12 a	f there are 18 riangles, how nany circles re there?	circle : tria 1 : 3 6 : 1	angle ₈) x6

Y6 Mathematics

Ratio

Scale Factors



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