Monday 20.04.20 Understanding ratio recap A ratio compares values, telling us how much of one thing there is compared to another thing. For example: There are 48 children in a playground. The ratio of boys to girls is 2:6. How many boys are there in the playground? Purple Red Total 2:6 8 x6 x6 x6 x6 x6	Monday 20.04.20 Q1 Complete the sentence For every 3 sheep there are 6 cows. For every 2 cows there is 1 sheep. Q2 Eva is baking cakes and cookies. For every 1 cake, she will bake 2 cookies.	Vaths w.c. 20.4.20
12 36 48	If Eva bakes 3 cakes, how many cookies will she bake? 6	
	If Eva bakes 10 cookies, how many cakes will she bake? 5	
Monday 20.4.20	Monday 20.4.20	
Q3	Q5	
A 50cm piece of string is divided up into two pieces using a ratio of 4:6, how long is each piece? 20:30	Can you use ratio to sort out these pots of money so that they can be shared out between people:	
Q4 A road is 15km long. The council chose to paint the fences along it green and blue in a ratio of 2:3 – how many km of fence are painted in each colour? 6:9	ratio 2:3 £75 £26:£39 ratio 5:1 £60 £50:£10 ratio 3:2 £55 £33:£22 ratio 1:4 £100 £20:£80 ratio 1:2 £90 £30:£60	
Tuesday 21.4.20	Tuesday 21.4.20	-
Understanding Scale factors (Proportion) Two quantities are in direct proportion when they increase or decrease in the same ratio (using multiplication and division facts). For example, you could increase something by doubling it (x2), or decrease it by halving (÷2). Q1 Whitney buys 6 cans of lemonade for £3	Chocolate chip biscuits (makes 6) 120 g butter 72 g sugar 180 g plain flour 60 g chocolate chips	
How much do 12 cans cost? f6 How much do 3 cans cost? f1.50 How much do 15 cans cost? f7.50	 Amir is making biscuits. He has this list of ingredients to make 6 biscuits. Q2 ingredient amount ÷ 2 How much of each ingredient does Amir need to make 3 biscuits? Butter 60g, sugar 36g, plain flour 90g, chocolate chips 30g 	



