

|  | Recall | Apply | Thinking questions.... |
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|  | What is the ratio of grey to white rectangles shown below? <br> Write an equivalent ratio to the one you just wrote: <br> What proportion of the rectangles are grey? <br> What proportion of the rectangles are white? | Emily and Jay share some money in the ratio 4:7. <br> Jay gets $£ 24$ more than Emily. <br> How much did they each get? <br> The following recipe makes 12 cakes: <br> 150 g flour <br> 200 g butter <br> 75 g sugar <br> 2 eggs <br> How much of each ingredient would you need for 18 cakes? | A ruler is cut into two sections, $A$ and $B$. <br> Section $B$ is 4 times as long as section $A$. <br> The total length of the ruler is 90 cm . <br> How long is each section? |
|  | If the proportion of female students in a class is $\frac{3}{4}$, what is the proportion of male students? <br> Start applying.... <br> 8MA4 has 25 students, 15 are male and 10 are female. <br> 8 MA7 has 20 students, 12 are male and 8 are female. | $\qquad$ flour $\qquad$ butter $\qquad$ sugar $\qquad$ eggs <br> If I had 500 g of butter and as much as I wanted of the other ingredients, how many cakes could I make? | In a triangle the ratio of the angles is $1: 2: 3$ <br> What is the size of the largest angle? |
|  | Compare the proportion of male students in each class. | In the ingredients, what is the ratio of flour to butter to sugar in its simplest form? <br> What happens to the proportion of the cake that is flour if you only increase the amount of sugar in the ingredients? | What is this type of triangle called? |





