

**Ratios with Whole Numbers**

The recipe shows the ingredients needed for a cake.  
Fill in the gaps in the table

<b>3 cups of flour</b>	<b>1 cup of sugar</b>
<b>2 eggs</b>	<b>100 g almonds</b>
<b>150 g butter</b>	<b>1 tspn of vanilla</b>

<b>Number of Cakes</b>	<b>Flour (Cups)</b>	<b>Sugar (Cups)</b>	<b>Eggs</b>	<b>Almonds (Grams)</b>	<b>Butter (Grams)</b>	<b>Vanilla (tspn)</b>
1	3	1	2	100	150	1
3			6		450	
5						
	18					
					600	
			14			
					1200	

Fill in the missing numbers.

$$2 : 3 : 5 = 4 : \square : \square = \square : 15 : \square = \square : \square : 20$$

$$12 : 8 : 24 = 3 : \square : \square = \square : 80 : \square = \square : \square : 12$$

A manufacturer of chocolate buttons determines that the various colours should be produced in the proportions indicated in the table. How many of each colour will be produced in a production run of 240 000 chocolate buttons?

<b>Packet of Chocolates</b>	
Red	15
Green	11
Blue	4
Orange	7
Yellow	8
Purple	5

Working and answer

John received \$200 pay from the supermarket, and Julie received \$240 for the same rate of pay. If Julie worked 30 hours how long did John work?

Working and answer