
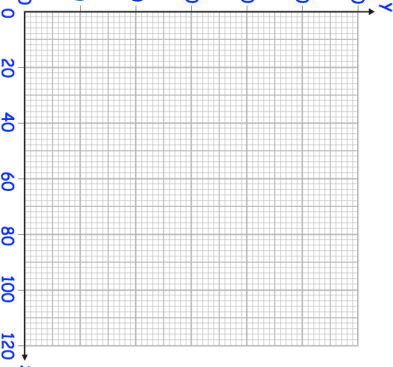

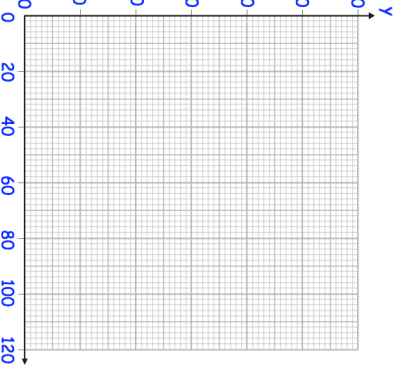


<b>10th November</b>	 Corbettmaths
Solve the simultaneous equations  $7x - 15y = 2.5$ $3x - 2y = 5.5$	
Simplify fully  $\frac{x^2 + 8x}{x^2 + 10x + 16}$	
	<p>A greengrocer sells bananas and apples. In one day he sells up to 80 bananas up to 90 apples no more than a total of 110 pieces of fruit Let <math>x</math> be the number of bananas sold. Let <math>y</math> be the number of apples sold.</p> <p>Show the region below that satisfies these inequalities</p>
Given that  $a : b = 5 : 2$ and $b : c = 9 : 11$  Find the ratio $a : c$  Give your answer in its simplest form.	

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