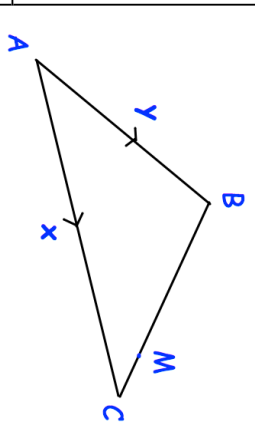
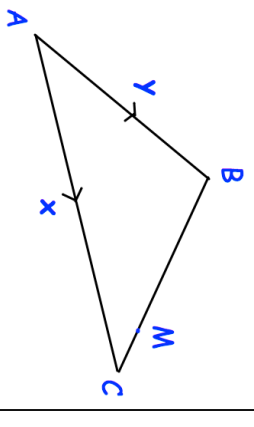


10th January		Corbettmaths
Given	$2y = \frac{1}{8}$	
Find y		
Show the equation $x^2 - 4x + 1 = 0$ can be written in the form		
$x = 4 - \frac{1}{x}$		
Starting with $x_0 = 3$ , use the iteration formula $x_{n+1} = 4 - \frac{1}{x_n}$ twice to find an estimate of the solution of $x^2 - 4x + 1 = 0$		
Express these vectors in terms of $x$ and $y$	 <p>ABC is a triangle. M lies on BC such that <math>BM = \frac{4}{5} BC</math> Express these vectors in terms of <math>x</math> and <math>y</math></p>	
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