



16th June		Corbettmaths 
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<p>The points D, E, F and G lie in a straight line. DE : EG = 1 : 4 DF : FG = 9 : 11</p> <p>Work out DE : EF : FG</p>		
<p>Find the equation of the line that is perpendicular to $5x + y = 8$ and passes through the point (3, 9)</p>		
<p>A rectangle has an area of $\sqrt{80} \text{ cm}^2$ The length of the rectangle is $(2 + \sqrt{5}) \text{ cm}$</p> <p>Calculate the width. Express your answer in the form $p + q\sqrt{5}$</p>		

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