


Name: _____

5-a-day


Higher Plus

3rd February		Corbettmaths 
$P(L) = 0.15$ $P(C) = 0.19$ $P(L \cap C) = 0.06$		
Draw a fully labelled Venn diagram to represent this information.		
Find $P(L C)$		
<p>The line l is a tangent to the circle $x^2 + y^2 = 68$ at the point P.</p> <p>P is the point $(2, 8)$</p> <p>Work out the equation of the line l</p>		
<p>The gravitational force between two objects is inversely proportional to the square of the distance between them.</p> <p>When $F = 4$, $d = 3$.</p>	Find F when $d = 6$.	
<p>Find the set of values of x that satisfy both</p> $2x - 6 > 6 - 6x$ <p>and</p> $x^2 - 6x + 2 < 42$		

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