
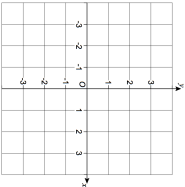

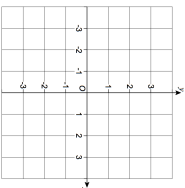


16th February	 Corbettmaths
<p>The cosine rule is $a^2 = b^2 + c^2 - 2bc \cos A$.</p> <p>Make $\cos A$ the subject.</p>	
<p>Sketch $x^2 + y^2 = 2.25$</p>	
<p>Solve the inequality</p> $x^2 + 3x \leq 10$	
<p>A bag contains 7 red sweets and 5 green sweets.</p> <p>Kelly removes 3 sweets, one at a time, without replacement.</p> <p>Find the probability that she does not choose 3 sweets that are the same colour.</p>	
<p>Use the iteration</p> $x_{n+1} = 7 - \frac{1}{x_n}$ <p>to find an approximation solution to $x^2 - 7x + 1 = 0$</p>	<p>Start with</p> $x_1 = 1$

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