
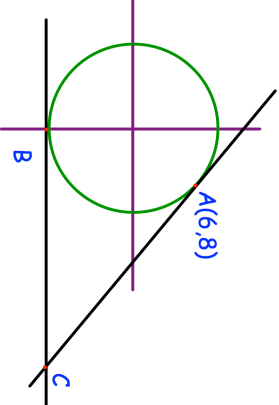

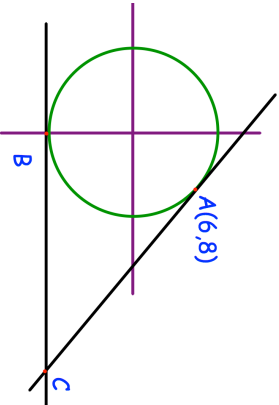


<b>9th November</b> Show $x^2 - 7x + 1 = 0$ can be rearranged to the form $x = 7 - \frac{1}{x}$	 Corbettmaths
Use the iteration $x_{n+1} = 7 - \frac{1}{x_n}$ to find an approximation solution to $x^2 - 7x + 1 = 0$	Start with $x_1 = 1$
 <p>Shown is a circle, centre O. A and B are points on the circle. AC and BC are tangents.</p>	Find the coordinates of the point B  Find the coordinates of the point C
Write $x^2 + 6x + 21$ in the form $(x + a)^2 + b$	Find the turning point of the graph $y = x^2 + 6x + 21$

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