

26th June

Corbettmaths

<p>Rationalise the denominator of</p> $\frac{3}{2\sqrt{5}}$	
<p>A circle has an area of 200cm^2 to 2 significant figures.</p> <p>Work out the lower bound of the radius.</p>	
<p>Factorise</p> $12x^2 + 5x - 3$	
<p>Show that the equation $3x - x^3 = -11$ can be rearranged to give</p> $x = \sqrt[3]{3x + 11}$	
<p>Starting with $x_0 = 3$, use the iteration formula</p> $x_{n+1} = \sqrt[3]{3x_n + 11}$ <p>three times to find an estimate for the solution of $3x - x^3 = -11$</p>	