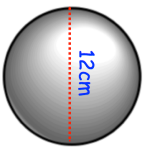


22nd August		Corbettmaths
Given $2^y = \frac{1}{16}$ Find y		
Show the equation $x^2 - 5x + 1 = 0$ can be written in the form $x = 5 - \frac{1}{x}$		
Starting with $x_0 = 3$, use the iteration formula $x_{n+1} = 5 - \frac{1}{x_n}$ twice to find an estimate of the solution of $x^2 - 5x + 1 = 0$		
Here are the first 5 terms of a quadratic sequence 3 9 17 27 39 Find an expression, in terms of n, for the nth term of this quadratic sequence		
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