

Name: _____

5-a-day

Higher Plus

5th January		Corbettmaths
Express $(8 + \sqrt{5})^2$ in the form $a + b\sqrt{5}$		
Find the minimum value of $x^2 + 6x + 20$ and the value of x for which it occurs.		
Write the equation of a circle C , with centre O and radius 4cm .		
Write 2.16$\dot{5}$ as a mixed number. Give your answer in its simplest form.		
Find the n th term of $1, 3, 7, 13, 21, \dots$		

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