

30th March		Corbettmaths
Find an expression, in terms of $n$ , for the $n$ th term of the quadratic sequence	11 12 15 20	
Solve $x^2 - 4x - 21 > 0$		
Prove $3n(3n + 4) + (n - 6)^2$ is positive for all values of $x$		
A straight line passes through $D(0, 10)$ and $E(5, 1)$ 	Find the equation of the line perpendicular to DE and passing through $F(0, -6)$	
	Find the shortest distance between the line passing through DE and the point F	

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