15	E.g. n, $n + 1$, $n + 2$ $(n^2 =)n^2$ $((n+1)^2 =)n^2+n+n+1=n^2+2n+1$ oe $((n+2)^2 =)n^2+2n+2n+4=n^2+4n+4$ oe or E.g. $n-1$, n, $n + 1$ $((n-1)^2 =)n^2-n-n+1=n^2-2n+1$ oe $(n^2 =)n^2$ $((n+1)^2 =)n^2+n+n+1=n^2+2n+1$ oe		3	M1 for 3 appropriate terms for their 3 numbers **and** for correctly finding the expansion of at least 2 squares (Allow 2 × middle number + 2)
	$n^2+n^2+2n+2n+4\ (=2n^2+4n+4)$ oe and $2(n+1)^2=2n^2+2n+2n+2(=2n^2+4n+2)$ oe or $n^2-2n+1+n^2+2n+1\ (=2n^2+2)$ oe			M1 for finding the sum of first and last square **and** double the square of the middle (Allow 2 × middle number + 2)
	E.g. $2n^2+4n+4=2n^2+4n+2+2$ oe or $2(x+1)^2+2=2(x+1)^2+2$ oe or $2n^2+2=2n^2+2$ oe	Complete proof		A1 for conclusion from two correct expressions e.g. $2n^2 + 4n + 4$ **and** $2n^2 + 4n + 2$
				Total 3 marks