(d)that $(2n-1)^2$ The curve with equation $y = f(x)$ has a maximum point at $(2,7)$ . Write down the coordinates of the maximum point of the curve with equation: (i) $y = 3f(x)$ (2,21) (ii) $y = f(x-4)$	(e) $f(x) = \frac{x}{2x+3}$ $g(x) = 1 - 6x$ Find $fg(x)$ in its simplest form $fg(x) = \frac{1 - 6x}{5 - 12x}$
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(6,7)	
(i)	(j)
- $5x > 3$ Here are the first five terms of a sequence: 4, 7, 10, 13, 16, Find the sum of the 6 <sup>th</sup> to the 50 <sup>th</sup> term of this sequence.	The curve $y = 2x^2 + \frac{32}{x}$ has one stationary point. Find the coordinates of this point.
	(2,24)
	< -0.5 3825