(a)	Express $2x^2 - 8x + 14$ in the form $2[(x - a)^2 + b]$.	2]
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The	functions f and g are defined by	
	$f(x) = x^2$ for $x \in \mathbb{R}$,	
	$g(x) = 2x^2 - 8x + 14 \text{for } x \in \mathbb{R}.$	
(b)	Describe fully a sequence of transformations that maps the graph of $y = f(x)$ onto the graph $y = g(x)$, making clear the order in which the transformations are applied.	of [4]
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