	$f(x) = x^2 - 2x + 5,$
	$g(x) = x^2 + 4x + 13.$
(a)	By first expressing each of $f(x)$ and $g(x)$ in completed square form, express $g(x)$ in the form $f(x+p)+q$, where p and q are constants. [4]
(b)	Describe fully the transformation which transforms the graph of $y = f(x)$ to the graph of $y = g(x)$. [2]

Functions f and g are both defined for $x \in \mathbb{R}$ and are given by