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

.....