

1. March/2022/Paper_9709/12/No.5(a)

(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

$$f(x) = x^2 \quad \text{for } x \in \mathbb{R},$$

$$g(x) = 2x^2 - 8x + 14 \quad \text{for } x \in \mathbb{R}.$$



