25	(a)		Reflection in $y = 0$	1	B1	accept alternative for $y = 0$ e.g. x axis ; if more than one transformation then B0
	(b)		U shaped curve through (2, 6) (3, 0) (5, −6) (7, 0) (8, 6)	2	B2	for a U shaped curve passing through (2, 6) (3, 0) (5, −6) (7, 0) (8, 6) If not B2 then award B1 for either 2f(x − 1) passing through at least 3 points from (2, 6) (3, 0) (5, −6) (7, 0) (8, 6) **or** 2f(x + 1) passing through (0, 6) (1, 0) (3, −6) (5, 0) (6, 6) **or** 2f(x) passing through all of (1, 6) (2, 0) (4, −6) (6, 0) (7, 6) **or** f(x – 1) passing through all of (2, 3) (3, 0) (5, −3) (7, 0) (8, 3) **or** 2f($x \pm k$) passing through all of $(1 \pm k, 6)$ $(2 \pm k, 0)$ $(4 \pm k, -6)$ $(6 \pm k, 0)$ $(7 \pm k, 6)$ **or** A clear translation of the curve using the vector $\begin{pmatrix} 1 \\ k \end{pmatrix}$
						Total 3 marks

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