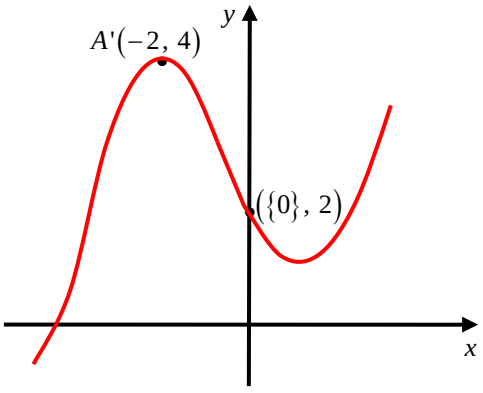
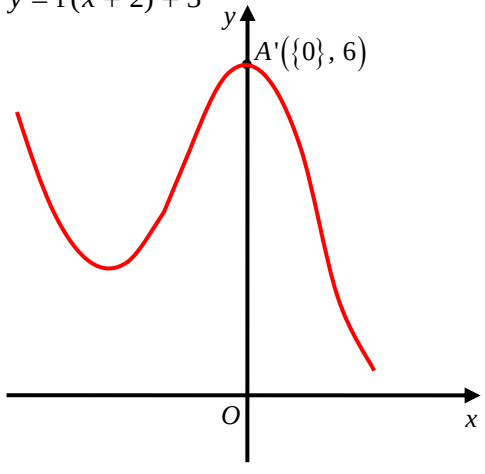
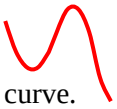
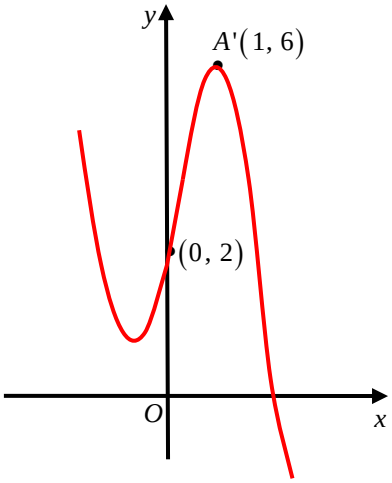
Question Number	Scheme	Marks
(i)	$y = \mathrm{f}(-x) + 1$ 	Shape of  and must have a maximum in quadrant 2 and a minimum in quadrant 1 or on the positive y-axis. B1 Either $(\{0\}, 2)$ or $A'(-2, 4)$ B1 Both $(\{0\}, 2)$ and $A'(-2, 4)$ B1 (3)
(ii)	$y = \mathrm{f}(x + 2) + 3$ 	Any translation of the original curve.  B1 The ***translated maximum*** has either x-coordinate of 0 (can be implied) or y-coordinate of 6. B1 The translated curve has maximum $(\{0\}, 6)$ and is in the correct position on the Cartesian axes. B1 (3)
(iii)	$y = 2\mathrm{f}(2x)$ 	Shape of  with a minimum in quadrant 2 and a maximum in quadrant 1. B1 Either $(\{0\}, 2)$ or $A'(1, 6)$ B1 Both $(\{0\}, 2)$ and $A'(1, 6)$ B1 (3)

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