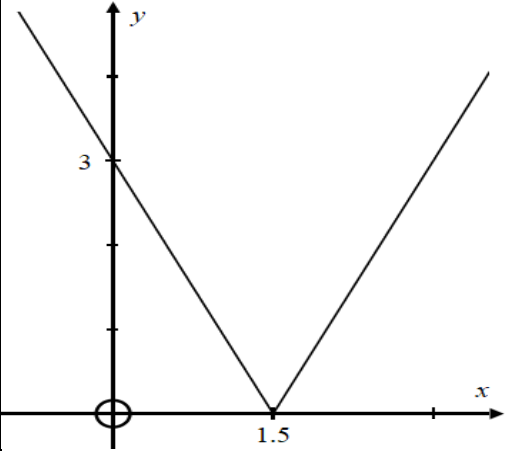


Question	Answer	Marks	AO	Guidance
1	(a) 	B1 B1	1.1 1.1	V shaped graph (approximately symmetric for vertical mirror line) Must be for positive and negative values of x Single vertex at (1.5, 0), and (0, 3) seen
		[2]		
1	(b) DR $2x - 3 = 4 - x$ and $2x - 3 = -(4 - x)$ Either $3x = 4 + 3$ or $x = -4 + 3$ $x = \frac{7}{3}$ or $x = -1$	B1 M1 A1	1.1a 1.1 1.1	Two correct linear equations equating $2x - 3$ to $\pm(4 - x)$ oe Attempts to solve at least one equation. Both values seen
	Alternative method $(2x - 3)^2 = (4 - x)^2$ $3x^2 - 4x - 7 = 0$ $x = \frac{7}{3}$ or $x = -1$	B1 M1 A1		Correct equation seen Collects terms to form 3 term quadratic and attempt to solve Both values seen
		[3]		