

1	(a)		15, 0, -1, 3	2	B2 for 4 correct values (B1 for 2 or 3 correct values)
	(b)	(-2, 15) (-1, 8) (0, 3) (2, -1) (3, 0) (4, 3)		2	M1 (dep on B1) fit from (a) for at least 5 points plotted correctly
			correct graph		A1 for a correct graph (clear intention to go through all the points and which must be curved at the bottom) Note: If a fully correct graph is shown, but an incomplete table is shown in (a), then award the marks for (a)
Total 4 marks					

2	(a)	<table><tr><td>x</td><td>-3</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td><td>3</td></tr><tr><td>y</td><td>8</td><td>2</td><td>-2</td><td>-4</td><td>-4</td><td>-2</td><td>2</td></tr></table>	x	-3	-2	-1	0	1	2	3	y	8	2	-2	-4	-4	-2	2	2	B2	for all correct values, otherwise B1 for 3 or 4 correct values
	x	-3	-2	-1	0	1	2	3													
y	8	2	-2	-4	-4	-2	2														
	(b)								2	M1	dep on B1 scored in (a) for at least 5 points plotted correctly (ft their table)										
						correct curve				A1	for a fully correct curve (all coordinates correct and correctly plotted and joined with a curve and curved between (0, -4) and (1, -4))										
Total 4 marks																					