

Question		Answer	Mark	Mark scheme	Additional guidance
20	(a)	7, (2), -1, -2 (-1), 2, (7)	B2	for all values correct	Use overlay Accept a freehand curve drawn that is not made of line segments Ignore anything drawn outside the required range ft their graph for this mark Accept these coordinates reversed Award A0 for coordinate pairs or solutions given as an inequality eg $-1.2 < x < 3.2$ Answers to 3 decimal places can be indicative of an algebraic method and score 0 marks
			(B1	for 2 or 3 values correct)	
	(b)	Graph drawn	M1	ft (dep on B1 in (a)) for plotting at least 5 of the points from their table correctly	
			A1	for correct curve drawn	
	(c)	-1.3 to -1.2 and 3.2 to 3.3	M1	for drawing the line $y = 3$ or reading off the intersection(s) where $y = 3$ or one correct solution or both solutions given as coordinates, eg (-1.2, 3.2) or (-1.2, 3) and (3.2, 3)	
			A1	for one value in each of the ranges -1.3 to -1.2 and 3.2 to 3.3 or ft (dep M1 in (b)) their quadratic graph	

Question 20(b)

