

QUADRATIC GRAPHS

OCR Thursday 07 November 2019- Morning (Non-Calculator) Foundation Tier

1.

13	(a)	(i)	$y = 2$ sketched correctly with 2 indicated on y-axis as y-intercept	2	M1 for a horizontal line	Condone good freehand
13	(a)	(ii)	$y = x + 1$ sketched correctly with 1 indicated as y-intercept	2	M1 for any straight line with positive gradient or for y- intercept at 1	Condone good freehand
13	(a)	(iii)	y-value where they cross has to be 2 oe	1		Isw extra statements. Accept eg (2, 3) is not on $y = 2$ as the y coordinate is 3 they cross at (1, 2) they cross when $x = 1$ See AG
13	(b)		Should go through (0, 0) oe Should be a curve oe No numbers on axis/axes oe It is symmetrical oe	2	B1 for each to a max of 2	If more than two comments, mark the best two See AG

OCR Thursday 2 November 2017– Morning (Calculator) Foundation Tier

2.

15	(a)		-1 [-4] [-5] [-4] -1 4 [11]	2	B1 for 1 correct	
	(b)		Correct curve	2	B1 for 4 or more points correctly plotted FT <i>their</i> table	Tolerance half small square
	(c)		Ruled line $y = -2$ drawn	1		Line from $x = -2$ to $x = 2$
	(d)		-1.8 to -1.6 and 1.6 to 1.8	2	B1 for 1 correct	FT from <i>their</i> graph ± 0.1 for 2 or 1 mark Must have a curve and a straight line for FT

AQA Monday 12 November 2018 – Morning (Calculator) Foundation Tier

3.

26	1	B1	
	Additional Guidance		