Q1.

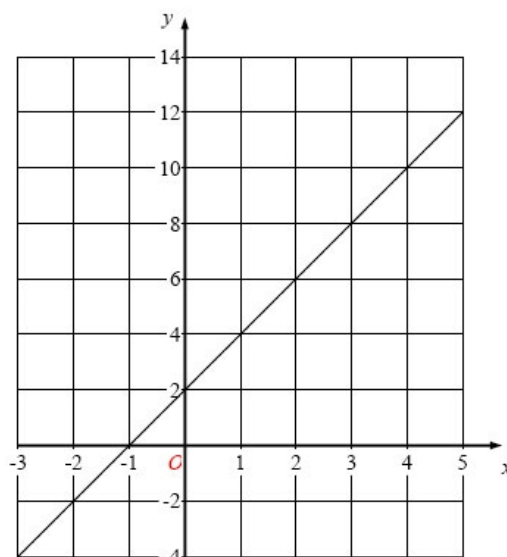| Question	Working	Answer	Mark	Notes
(a)		3 (5) 7 (9) 11, 13	2	B2 for 3, 7, 11, 13 (B1 for 2 or 3 correct values)
(b)		Graph drawn	2	M1 (may ft from (a) if B1 awarded) for at least 5 points correctly plotted A1 for correct graph from $x = 0$ to $x = 5$

Q2.

PAPER: 1MA0/2F				
Question	Working	Answer	Mark	Notes
(a)		10, 8, (6), 4, 2, (0)	2	B2 for fully correct table (B1 for 2 or 3 entries correct)
(b)		line drawn	2	B2 for correct straight line between $x = -1$ and $x = 4$ (B1 for a single straight line which passes through (0, 8) or for a single straight line with negative gradient −2 or for at least 5 points from their table plotted correctly)

Q3.

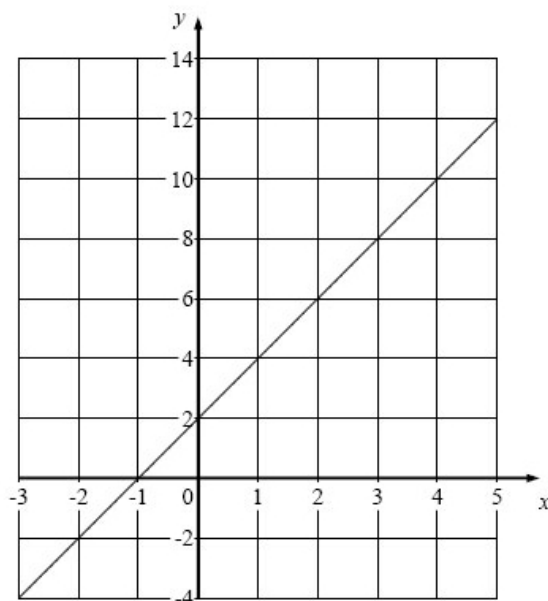|	Working	Answer	Mark	Notes
(a)		x: −2 −1 0 1 2 3 4 / y: −2 0 2 4 6 8 10	2	B2 cao (B1 for any 2 correct values)
(b)		Correct graph	2	B2 for a correct line through at least two correct points (B1 for correct points plotted ft their table if at least B1 earned in part a)

b

Q4.

		Working	Answer	Mark	Notes
(a)			<table><tr><td>x</td><td>−2</td><td>−1</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>y</td><td>-2</td><td>0</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr></table>	2	B2 cao (B1 for any 2 correct values)
(b)			Correct graph	2	B2 correct line through at least 2 correct points (B1 for correct points plotted or ft from their table if at least B1 earned in part (a))

Q5.

Question	Working	Answer	Mark	Notes
(a)		-2, (1), 4, 7, 10, (13)	2	B2 for 4 values correct (B1 for 2 or 3 values correct)
(b)		Single line from (-2, -2) to (3, 13)	2	M1 for plotting at least 5 of their points correctly **OR** single straight line with positive gradient passing thro' (0,4) from x = −2 to x = 3 **OR** single straight line of gradient 3 from x = −2 to x = 3 **OR** correct straight line that passes through 3 correct points A1 cao for correct straight line from at least (-2,-2) to (3,13)

Q6.

Question	Working	Answer	Mark	Notes
(a)		(−2) −1.5 − 1 −0.5 (0) 0.5	B2 [B1	for a fully correct table for 2 or 3 correct entries]
(b)		Correct line	M1 A1	for correctly plotting at least 5 of their points (provided B1 scored in part (a)) or for a straight line with gradient 0.5 or for a straight line through (0,−1) with a positive gradient for a correct line between $x = −2$ and $x = 3$
(c)		2.6	B1	for answer in the range 2.5 to 2.7 or ft a single straight line with positive gradient

Q7.

PAPER: 1MA0_2H				
Question	**Working**	**Answer**	**Mark**	**Notes**
	-2 | -1 | 0 | 1 | 2 | 3 -7 | -5 | -3 | -1 | 1 | 3	Straight line from (−2, −7) to (3, 3)	4	**(Table of values)** C1 for axes scaled and labelled M1 for at least 2 correct attempts to find points by substituting values of x M1 ft for plotting at least 2 of their points (any points plotted from their table must be plotted correctly) A1 for correct line between $x = −2$ and $x = 3$ **(No table of values)** C1 for axes scaled and labelled M1 for at least 2 correct points with no more than 2 incorrect points M1 for at least 2 correct points (and no incorrect points) plotted OR line segment of $y = 2x − 3$ drawn A1 for correct line between $x = −2$ and $x = 3$ **(Use of $y = mx+c$)** C1 for axes scaled and labelled M1 for line drawn with gradient of 2 OR line drawn with a y intercept of −3 M1 for line drawn with gradient of 2 AND with a y intercept of −3 A1 for correct line between $x = −2$ and $x = 3$ SC : B2 for the correct line from $x = 0$ to $x = 3$

Q8.

Question	Working	Answer	Mark	Notes
	<table><tr><td>x</td><td>−2</td><td>−1</td><td>0</td><td>1</td><td>2</td></tr><tr><td>y</td><td>−4</td><td>−1</td><td>2</td><td>5</td><td>8</td></tr></table>	$y = 3x + 2$ drawn	4	B1 for axes scaled and labelled **(Table of values)** M1 for at least 2 correct attempts to find points by substituting values of x M1 ft for plotting at least 2 of their points (any points from their table must be correctly plotted) A1 for correct line between $x = −2$ and $x = 2$ **(No table of values)** M1 for at least 2 correct points with no more than 2 incorrect points M1 for at least 2 correct points (and no incorrect points) plotted OR line segment of $y = 3x + 2$ drawn A1 for correct line between $x = −2$ and $x = 2$ **(Use of $y = mx + c$)** M1 for line drawn with gradient of 3 **OR** line drawn with y intercept at 2 M1 for line drawn with gradient of 3 **AND** with y intercept at 2 A1 for correct line between $x = −2$ and $x = 2$ SC B2 (indep of B1) for correct line segment between $x = 0$ and $x = 2$ (ignore any additional incorrect line segment(s))

Q9.

Question	Working	Answer	Mark	Notes
(a)		5, 4, (3), 2, 1, (0)	2	M1 for 1 or 2 or 3 correct entries A1 cao
(b)		Line drawn	2	M1 plots 5 of their points correctly or a straight line with gradient −1 or a straight line through (0, 4) A1 correct line between $x = −1$ and $x = 4$