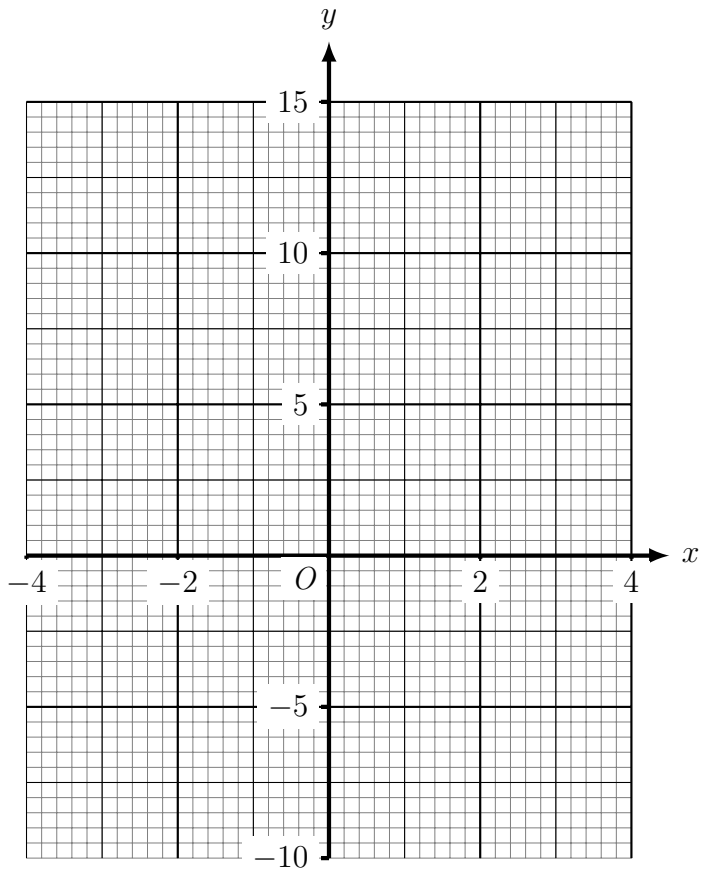
1. (a) Complete the table of values for y = $x^2 - 2x - 4$

x	-3	-2	-1	0	1	2	3	4
y			-1					4

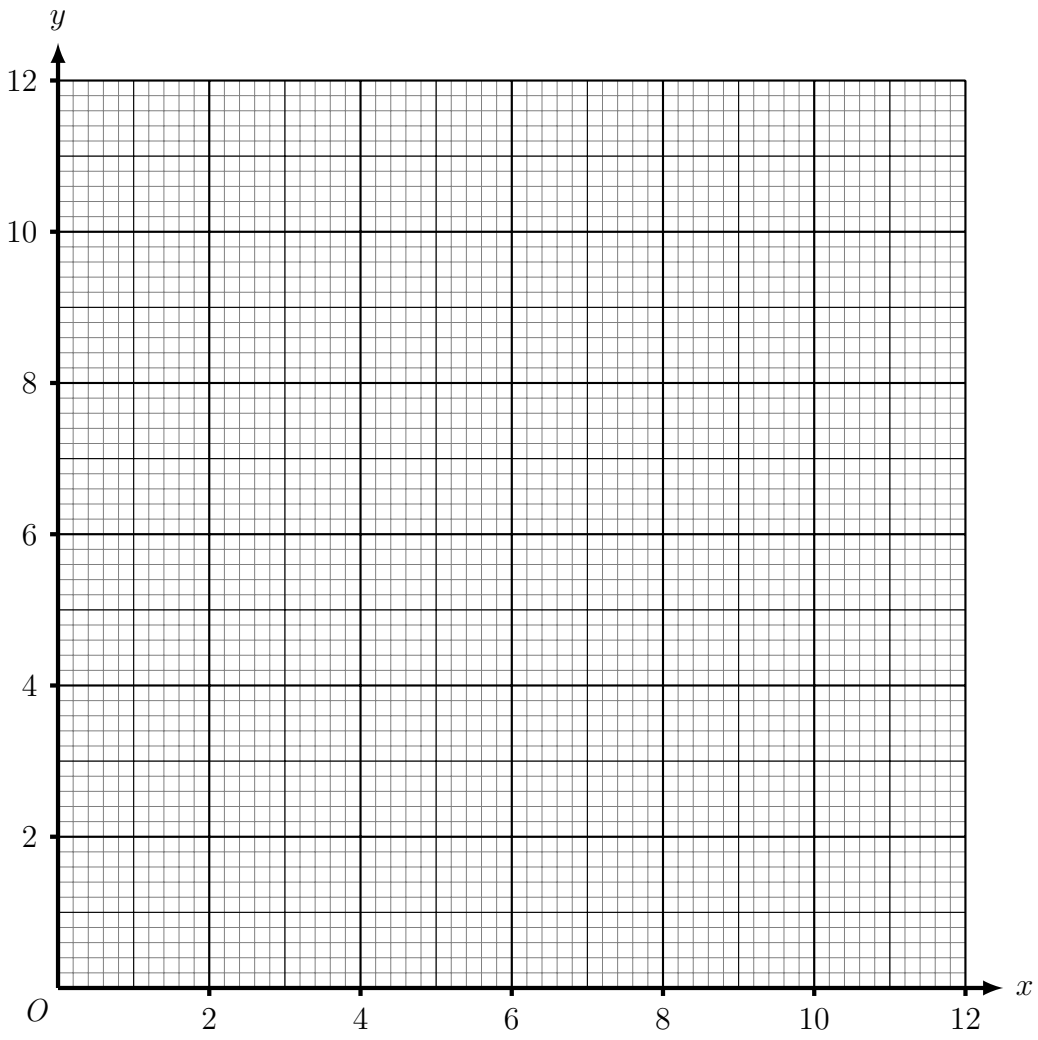
(b) On the grid below draw the graph of y = for values of $x^2 - 2x - 4$ from -3 to 4



2. (a) Complete the table of values for $y = \frac{12}{x}$

x	1	1.5	2	3	4	5	6	8	10
y			6		3			1.5	

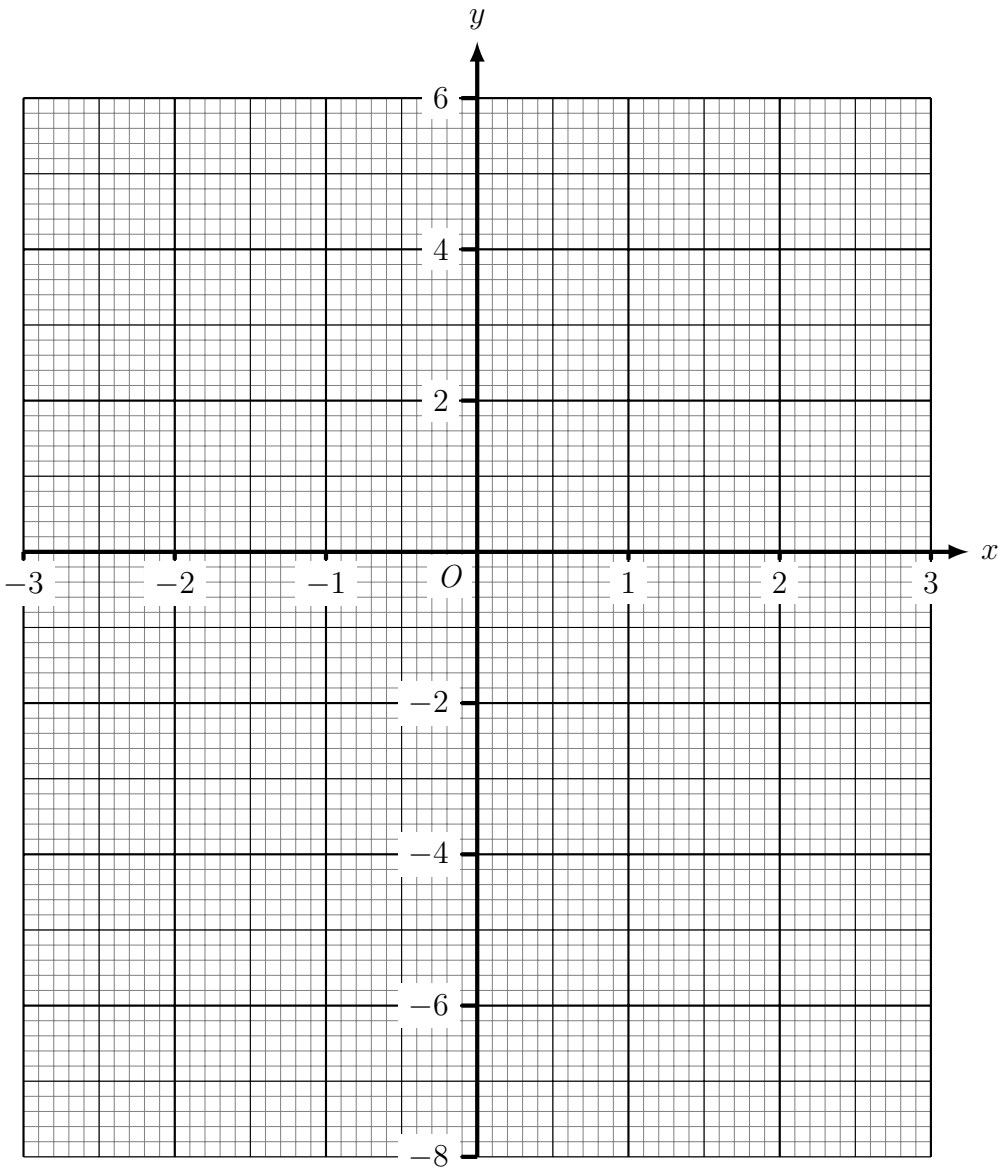
(b) On the grid below draw the graph of $y = \frac{12}{x}$ for values of x from 1 to 10



3. (a) Complete the table of values for y $= x^2 - 3x - 5$

x	-2	-1	0	1	2	3	4	5
y			-5					5

(b) On the grid below draw the graph of y $= x^2 - 3x - 5$ for values of x from -2 to 5



Answers

1. (a) 11, 4, ... -4, -5, -4, -1 ...
   (b) 4 points plotted (M1) all points and smooth-ish curve (A1)
2. (a) 12, 8 ... 4 ... 2.4, 2 ... 1.2
   (b) 4 points plotted (M1) smooth-ish curve (1, 12) to (10, 1.2) (A1)
3. (a) 5, -1, ... -7, -7, -5, -1, ...
   (b) 4 points plotted (M1) all points and smooth-ish curve (A1)