Draw graphs of the form ax + by = c by making a table of values.

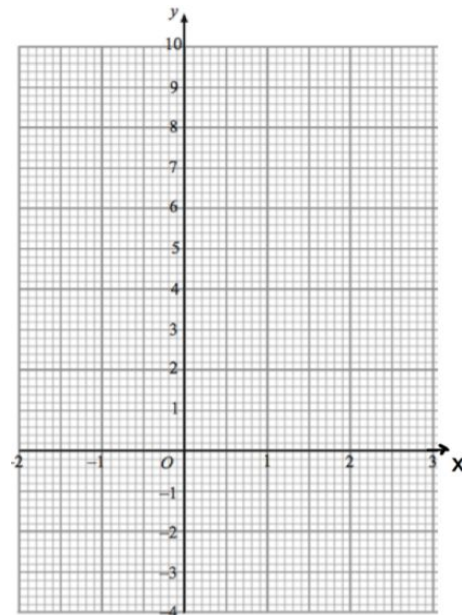# Draw graphs of the form ax + by = c by making a table of values

1. a) Complete the table of values for
$x + y = 5$

x	-2	-1	0	1	2	3
y	7		5			

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

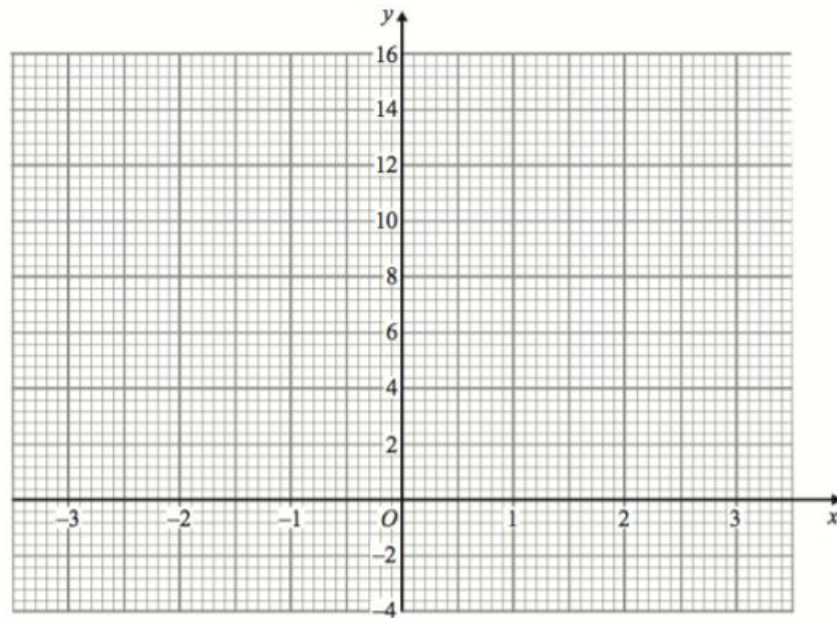# Draw graphs of the form ax + by = c by making a table of values

2. a) Complete the table of values for
$x + 2y = 10$

x	-2	-1	0	1	2
y					

b) Complete the table of values for
$2x + 2y = 24$

x	-2	-1	0	1	2
y					

c) Draw the graphs $x + 2y = 10$ and
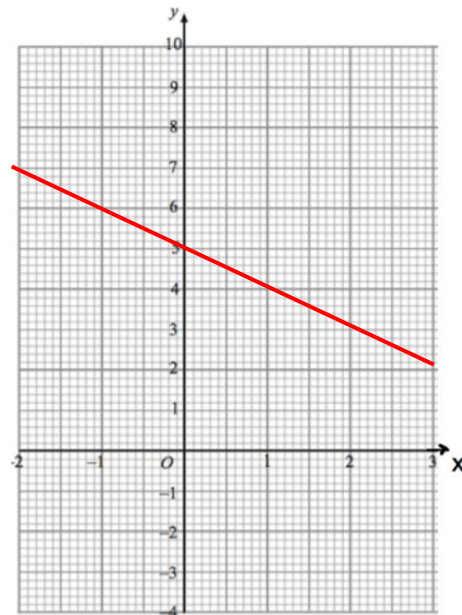$2x + 2y = 24$ on the grid.

Answers

Draw graphs of the form ax + by = c by making a table of values

1. a) Complete the table of values for $x + y = 5$

x	-2	-1	0	1	2	3
y	7	6	5	4	3	2

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

Draw graphs of the form ax + by = c by making a table of values

2. a) Complete the table of values for $x + 2y = 10$

x	-2	-1	0	1	2
y	6	5.5	5	4.5	4

b) Complete the table of values for $2x + 2y = 24$

x	-2	-1	0	1	2
y	14	13	12	11	10

c) Draw the graphs $x + 2y = 10$ and $2x + 2y = 24$ on the grid.