

Drawing linear graphs

Complete the table of values and draw its graph.

a) $y = x + 1$

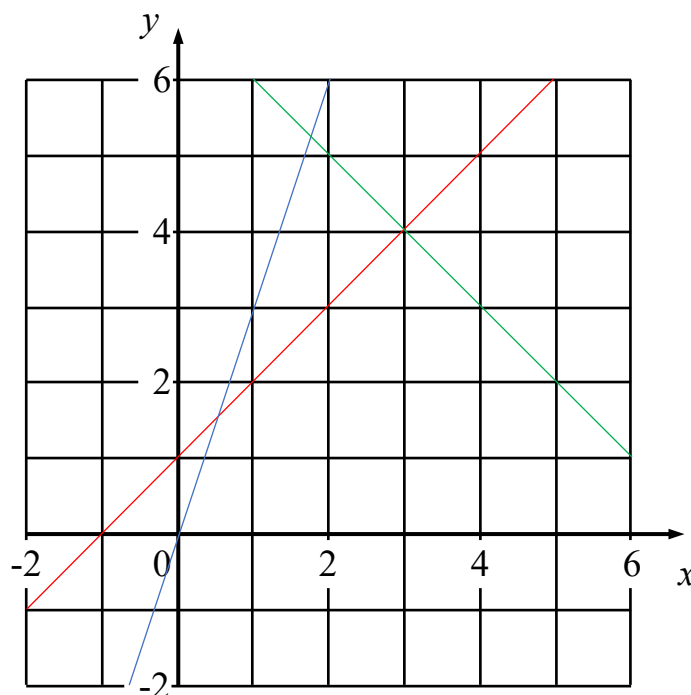
x	-1	0	1	2	3
y	0	1	2	3	4

b) $y = 3x$

x	-1	0	1	2	3
y	-3	0	3	6	9

c) $y = 7 - x$

x	-1	0	1	2	3
y	8	7	6	5	4



Complete the table of values and draw its graph.

a) $y = 2x - 1$

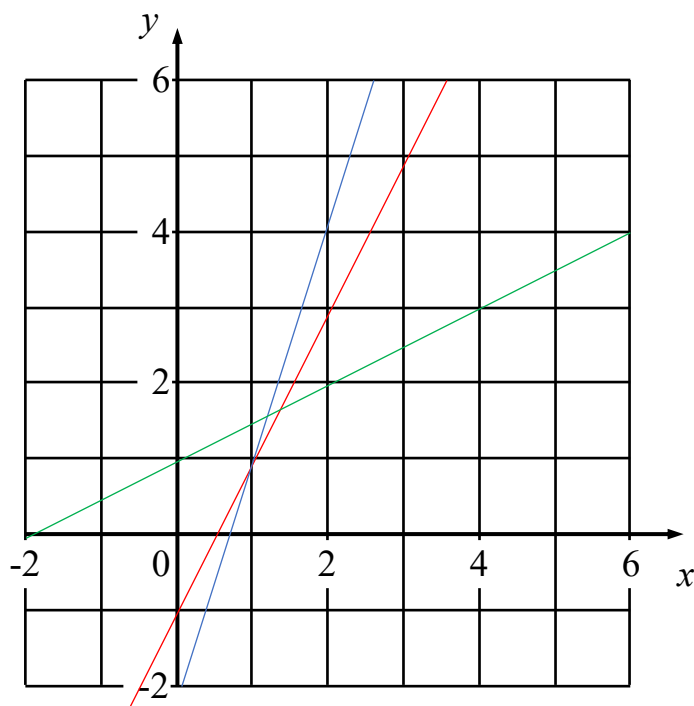
x	-1	0	1	2	3
y	-3	-1	1	3	5

b) $y = 3x - 2$

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

c) $y = \frac{1}{2}x + 1$

x	-1	0	1	2	3
y	0.5	1	1.5	2	2.5



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Complete the table-of values and draw its graph.

a) $y = 6 - 2x$

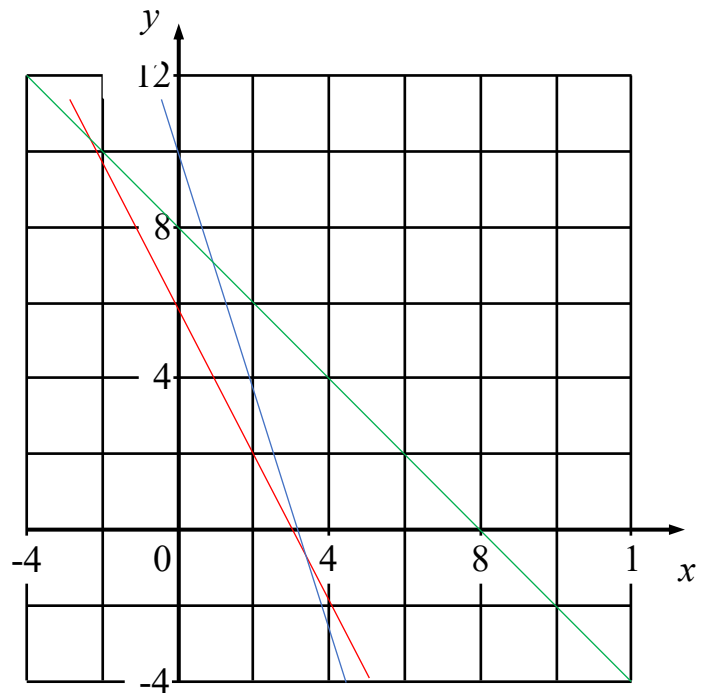
x	-1	0	1	2	3
y	8	6	4	2	0

b) $y = 10 - 3x$

x	-1	0	1	2	3
y	13	10	7	4	1

c) $y = 8 - x$

x	-1	0	1	2	3
y	9	8	7	6	5



Shown are different straight lines.

a) Which lines are parallel?

A and B

b) Which lines have the same y intercept?

C and E

c) What is the coordinates of where line D and E intersect?

(6, 6)

