

Plotting linear graphs (3)

- 1) Fill in the table of values for each of the functions.
- 2) Plot all four graphs on one grid. Remember to extend and label the lines.
- 3) *What have you noticed about those graphs?*

$$y = 2x + 2$$

X	-3	-2	-1	0	1	2	3
Y							

$$y = -2x + 3$$

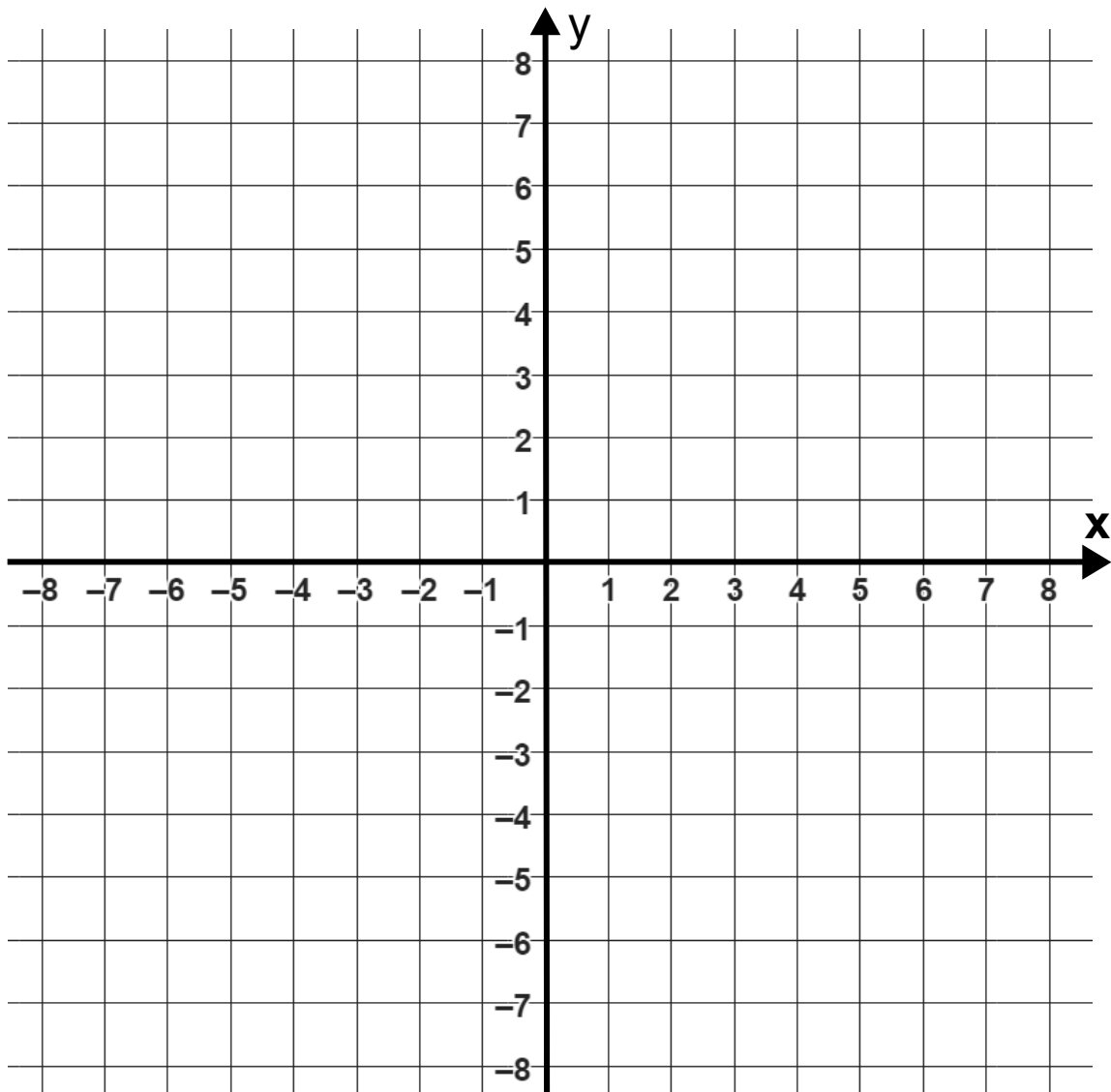
X	-3	-2	-1	0	1	2	3
Y							

$$y = 3x - 2$$

X	-3	-2	-1	0	1	2	3
Y							

$$y = -4x - 6$$

X	-3	-2	-1	0	1	2	3
Y							



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ANSWERS

$$y = 2x + 2$$

X	-3	-2	-1	0	1	2	3
Y	-4	-2	0	2	4	6	8

$$y = -2x + 3$$

X	-3	-2	-1	0	1	2	3
Y	9	7	5	3	1	-1	-3

$$y = 3x - 2$$

X	-3	-2	-1	0	1	2	3
Y	-11	-8	-5	-2	1	4	7

$$y = -4x - 6$$

X	-3	-2	-1	0	1	2	3
Y	0	-1	-2	-3	-4	-5	-6

