The Equation of a Straight line (Linear Graphs) Part 2

Complete the table below and draw the graph for $y = x - 3$

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

Complete the table below and draw the graph for $y = 4x$

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

Complete the table below and draw the graph for $y = 1 + 3x$

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

Complete the table below and draw the graph for $y = -x$

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

Complete the table below and draw the graph for $y - x = 2$

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

Complete the table below and draw the graph for $y = \frac{1}{4}x + 1$

x	-4	-3	-2	-1	0	1	2	3	4	5
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Complete the table below and draw the graph for $y + 1 = x$

x	-4	-3	-2	-1	0	1	2	3	4	5
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Complete the table below and draw the graph for $x - y = 3$

x	-4	-3	-2	-1	0	1	2	3	4	5
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Complete the table below and draw the graph for $2y + x = 0$

x	-4	-3	-2	-1	0	1	2	3	4	5
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Complete the table below and draw the graph for $y = x + x + 1$

x	-4	-3	-2	-1	0	1	2	3	4	5
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<u>Extension:</u> Research the 'gradient intercept method' for the equation of a straight line in the form y = mx + c
Task: Plot the graphs above using this method.

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