

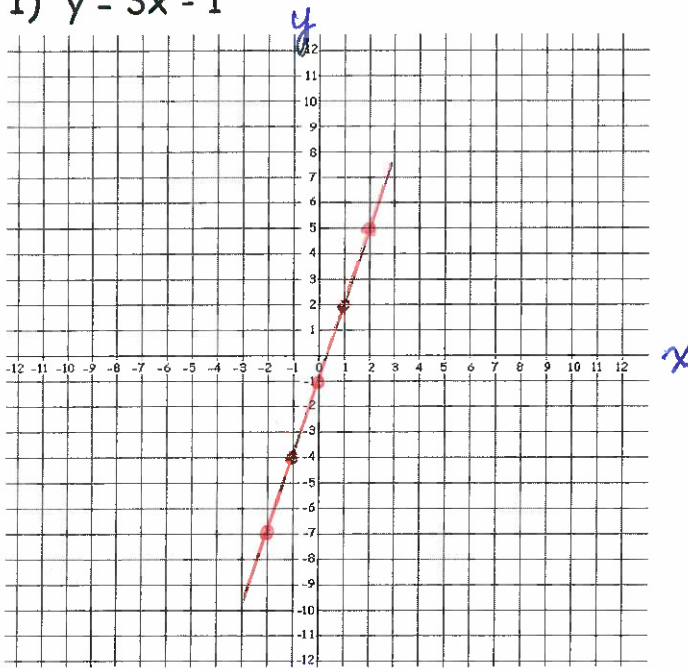
# Answer Key

\* You may have used different values for  $x$  in your tables but the graph should still look the same.

## Graphing Linear Relations Using a Table of Values

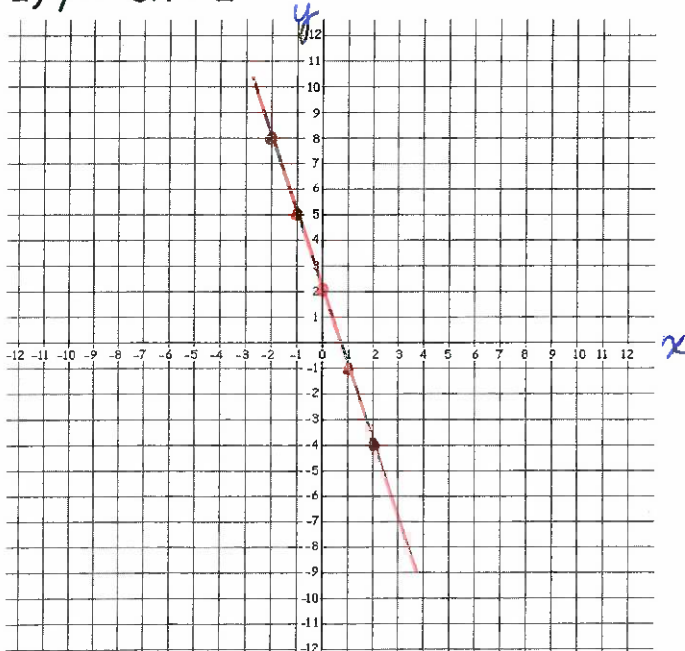
Construct a table of values and graph the following equations. Choose at least one negative and one positive independent value for your tables. Always include 0 as one of the independent values for your tables.

1)  $y = 3x - 1$



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

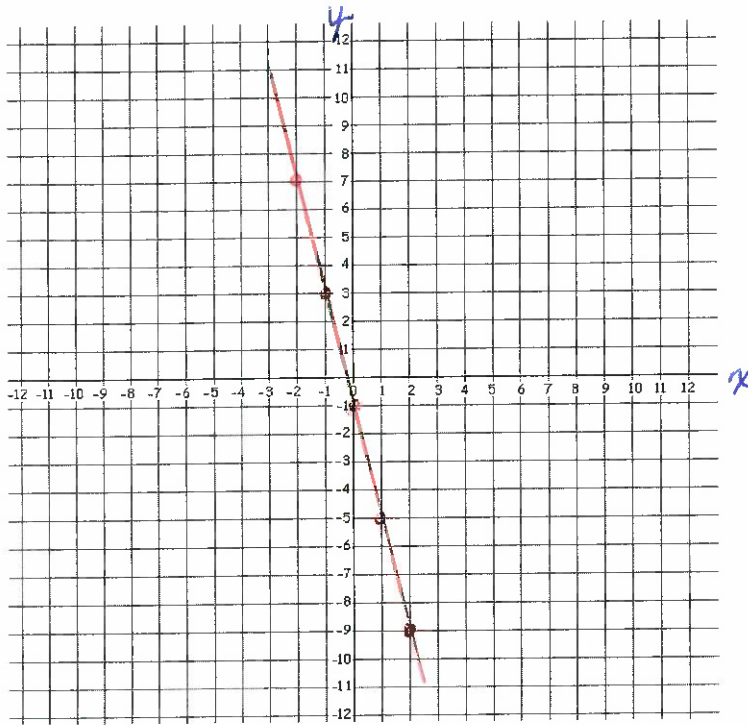
2)  $y = -3x + 2$



x	y
-2	8
-1	5
0	2
1	-1
2	-4

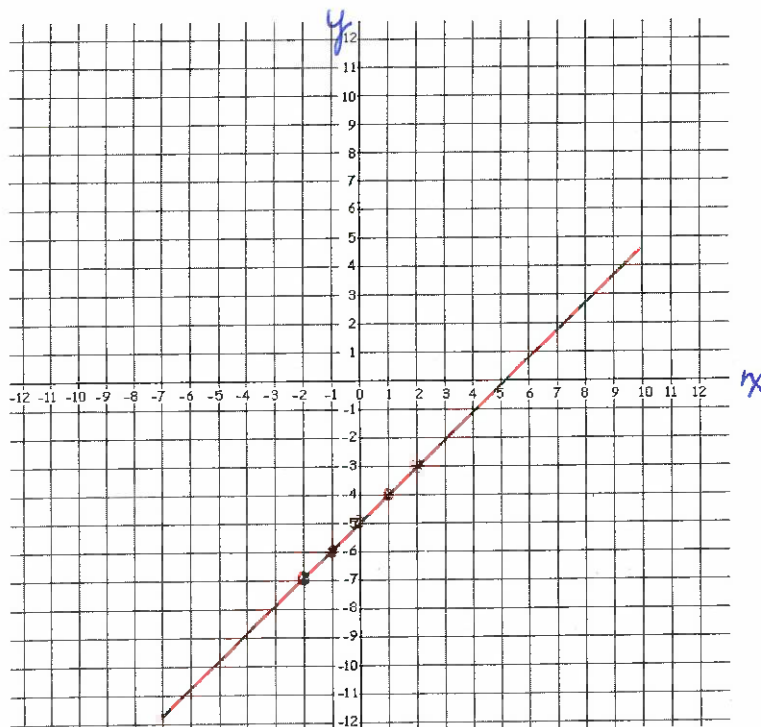
Mathematics 9  
Section 6.3

3)  $y = -4x - 1$



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

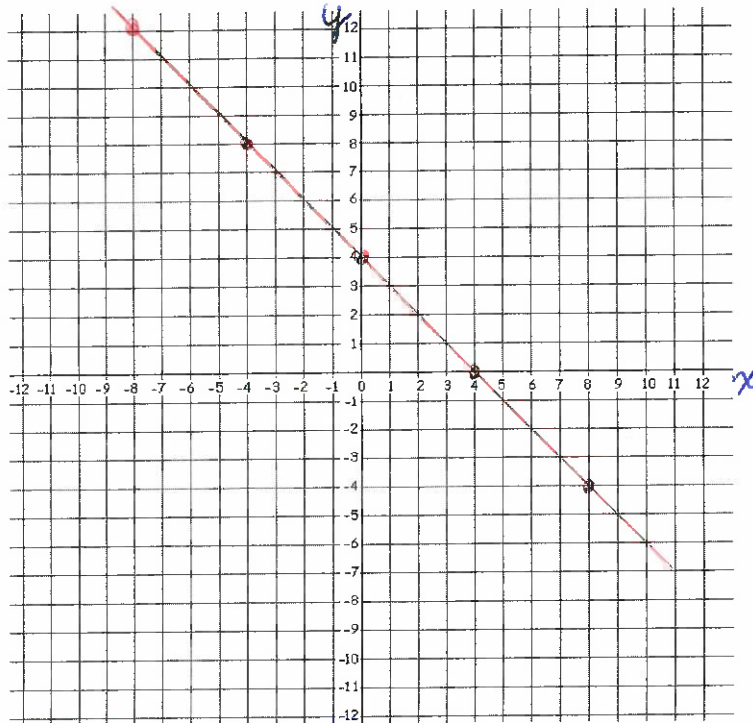
4)  $y = x - 5$



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

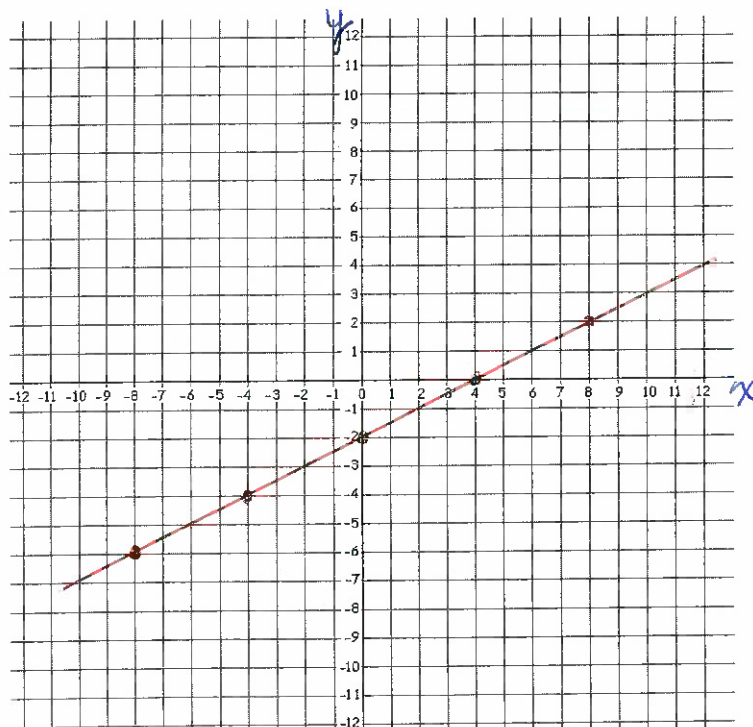
Mathematics 9  
Section 6.3

5)  $y = -x + 4$



x	y
-8	12
-4	8
0	4
4	0
8	-4

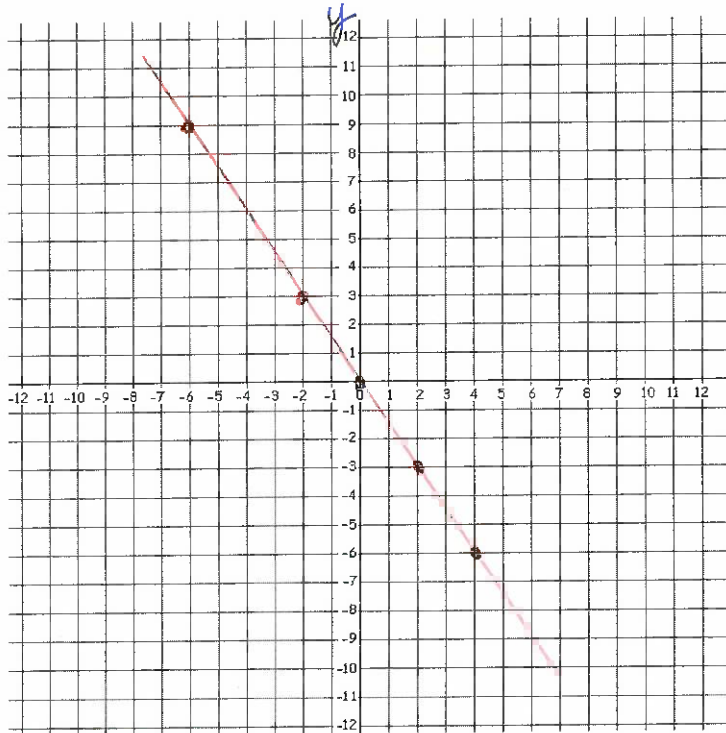
6)  $y = 0.5x - 2$



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

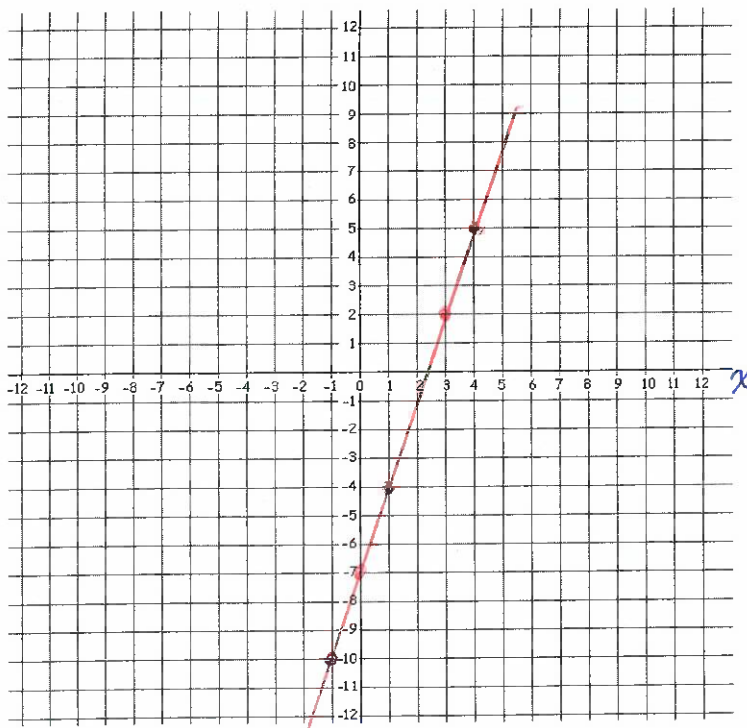
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7)  $y = -1.5x$



x	y
-6	9
-2	3
0	0
2	-3
4	-6

8)  $y = 3x - 7$



x	y
-1	-10
0	-7
1	-4
3	2
4	5