



# Graphing a Linear Equation

Name \_\_\_\_\_

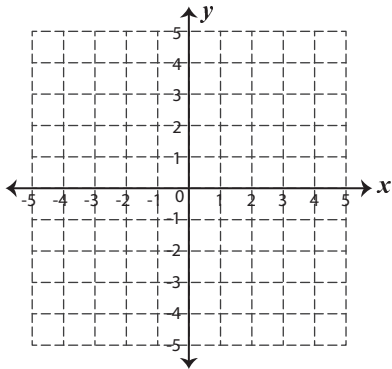
Score \_\_\_\_\_

GL:04

Complete the given table. Plot the points in a graph and draw a line through it.

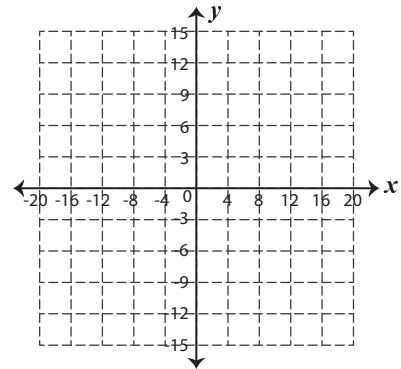
1)  $x + y = 1$

x	-1	0	1	2	3
y					



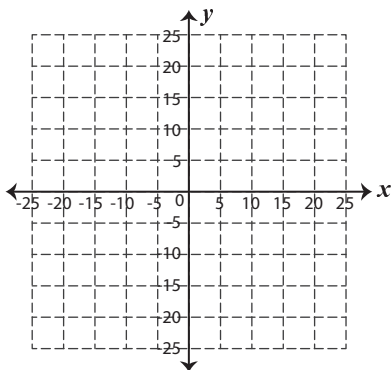
2)  $4y = -3x + 12$

x	-16	-8	0	8	16
y					



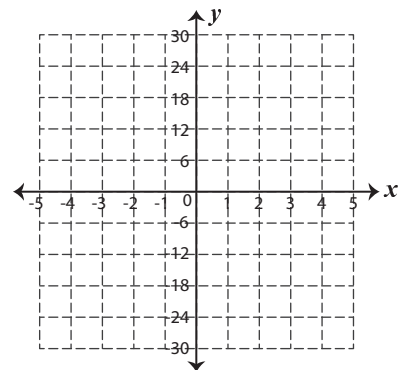
3)  $y = 2x - 5$

x	-10	-5	5	10	15
y					



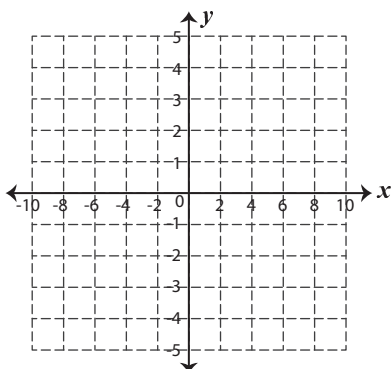
4)  $6x - y = 6$

x	-2	-1	0	1	3
y					



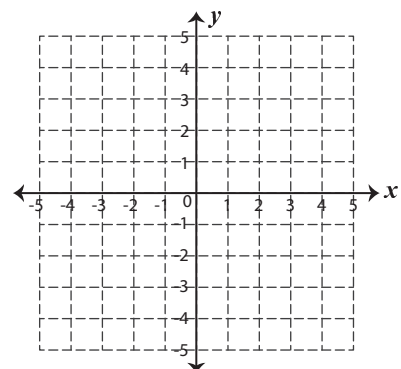
5)  $x + 2y = 0$

x	-10	-6	2	4	8
y					



6)  $y = x - 2$

x	0	1	2	3	4
y					





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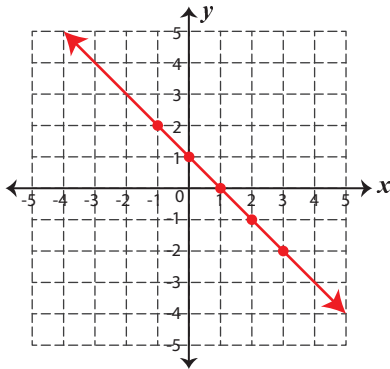
## Answer key

GL:04

Complete the given table. Plot the points in a graph and draw a line through it.

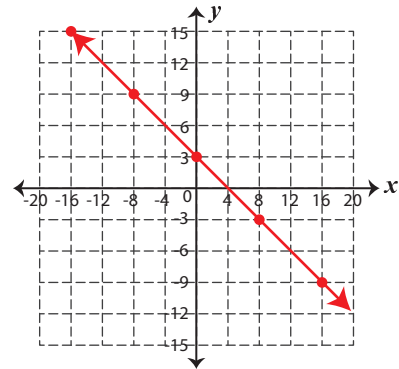
1)  $x + y = 1$

x	-1	0	1	2	3
y	<b>2</b>	<b>1</b>	<b>0</b>	<b>-1</b>	<b>-2</b>



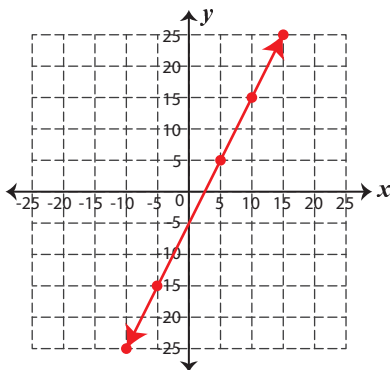
2)  $4y = -3x + 12$

x	-16	-8	0	8	16
y	<b>15</b>	<b>9</b>	<b>3</b>	<b>-3</b>	<b>-9</b>



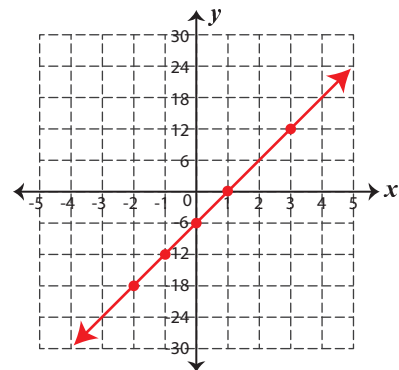
3)  $y = 2x - 5$

x	-10	-5	5	10	15
y	<b>-25</b>	<b>-15</b>	<b>5</b>	<b>15</b>	<b>25</b>



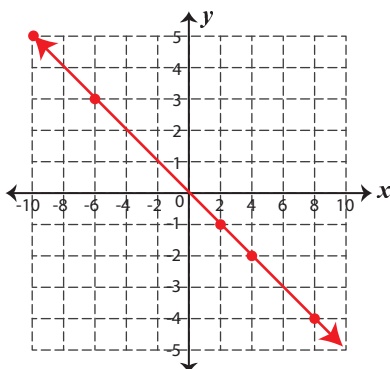
4)  $6x - y = 6$

x	-2	-1	0	1	3
y	<b>-18</b>	<b>-12</b>	<b>-6</b>	<b>0</b>	<b>12</b>



5)  $x + 2y = 0$

x	-10	-6	2	4	8
y	<b>5</b>	<b>3</b>	<b>-1</b>	<b>-2</b>	<b>-4</b>



6)  $y = x - 2$

x	0	1	2	3	4
y	<b>-2</b>	<b>-1</b>	<b>0</b>	<b>1</b>	<b>2</b>

