



# Graphing a Linear Equation

Name \_\_\_\_\_

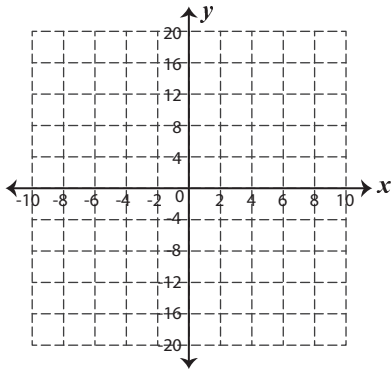
Score \_\_\_\_\_

GL:05

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

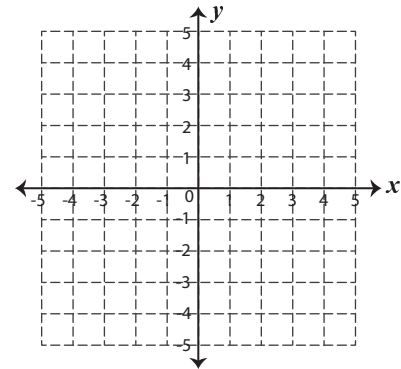
1)  $y = 12 - 2x$

x	-4	0	2	4	8
y					



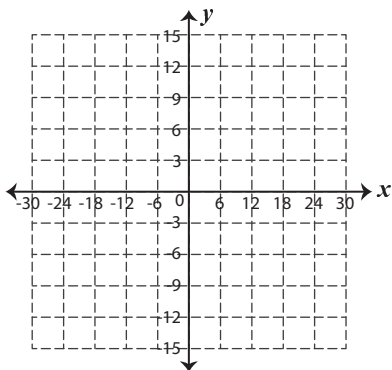
2)  $x - y = -1$

x	-5	-3	0	1	4
y					



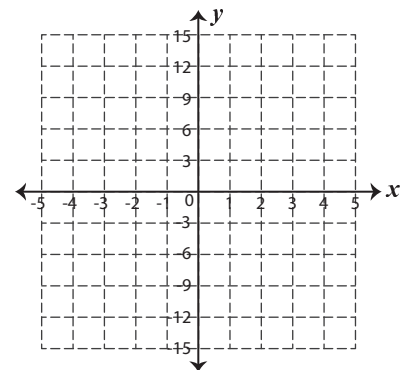
3)  $2y - x = -6$

x	-24	-12	0	6	18
y					



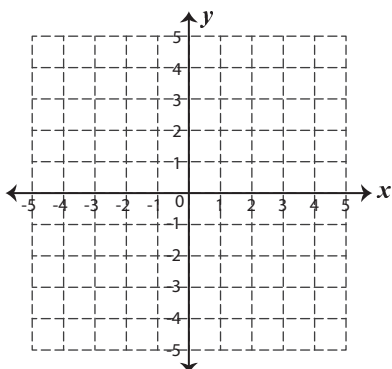
4)  $3x + y = 6$

x	-3	-1	0	2	4
y					



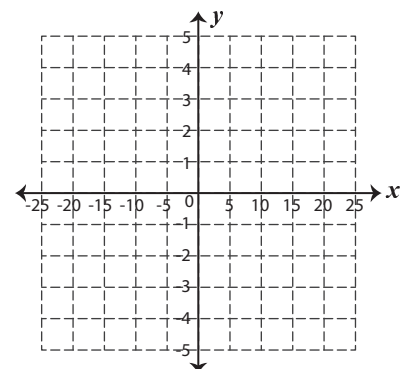
5)  $2y = x - 4$

x	-4	-2	0	2	4
y					



6)  $5y = -x$

x	-20	-15	-5	10	25
y					





# Graphing a Linear Equation

Name \_\_\_\_\_

Score \_\_\_\_\_

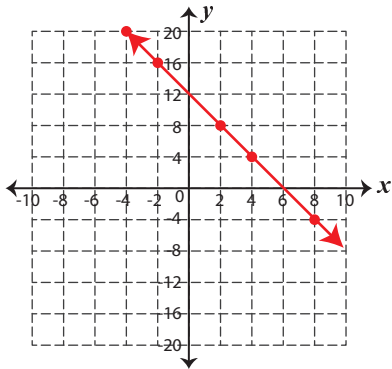
## Answer key

GL:05

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

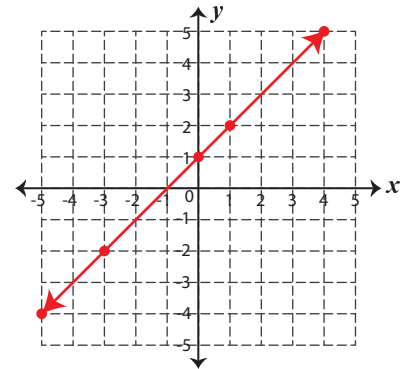
1)  $y = 12 - 2x$

x	-4	0	2	4	8
y	<b>20</b>	<b>12</b>	<b>8</b>	<b>4</b>	<b>-4</b>



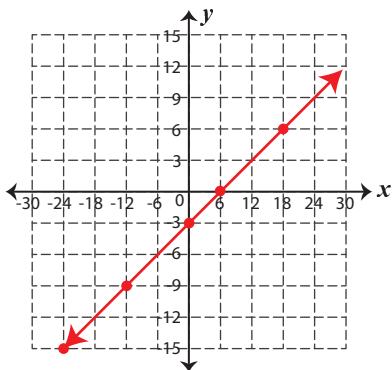
2)  $x - y = -1$

x	-5	-3	0	1	4
y	<b>-4</b>	<b>-2</b>	<b>1</b>	<b>2</b>	<b>5</b>



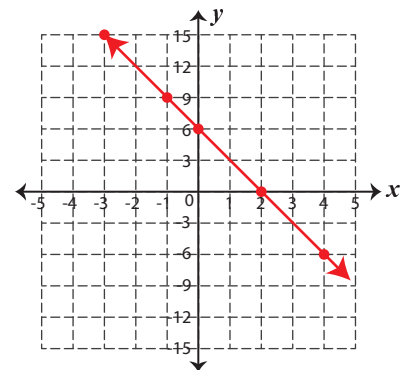
3)  $2y - x = -6$

x	-24	-12	0	6	18
y	<b>-15</b>	<b>-9</b>	<b>-3</b>	<b>0</b>	<b>6</b>



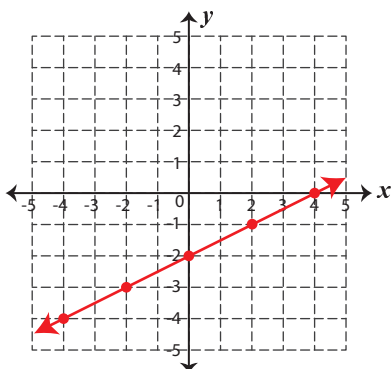
4)  $3x + y = 6$

x	-3	-1	0	2	4
y	<b>15</b>	<b>9</b>	<b>6</b>	<b>0</b>	<b>-6</b>



5)  $2y = x - 4$

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



6)  $5y = -x$

x	-20	-15	-5	10	25
y	<b>4</b>	<b>3</b>	<b>1</b>	<b>-2</b>	<b>-5</b>

