

5.1 Plot Points

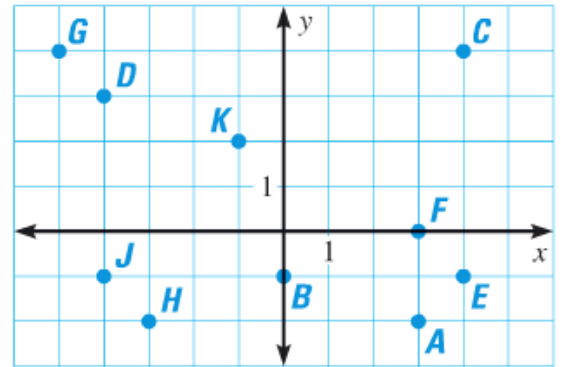
NAME: _____

Corrective Assignment

DATE: _____

Give the coordinates and location of the following points.

Point	Coordinate	Location
G		
D		
K		
H		
F		
B		



Tell whether the ordered pair is a solution to the equation. **SHOW ALL STEPS!!!**

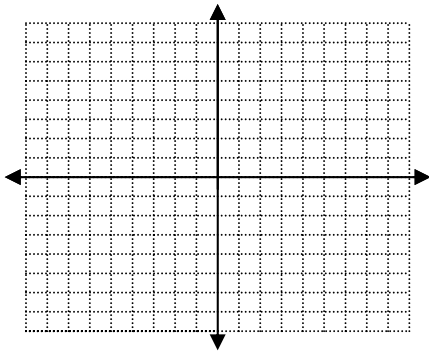
1. $4x + 2y = 24$ $(-2, 16)$	2. $4x - 2y = -32$ $(5, -24)$	3. $-x + 3y = 18$ $(-5, 4)$	4. $4x - 2y + 2 = 24$ $(0, 13)$
5. $4 + 2y = -5x$ $(3, -9)$	6. $4 = 2y - 7x$ $(6, 19)$	7. $12 - 4x = 7y$ $(3, 0)$	8. $4y - 6 = 3x$ $(8, 8)$

Given the table, graph the line.

<p>9.</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>7</td> </tr> <tr> <td>1</td> <td>5</td> </tr> <tr> <td>2</td> <td>3</td> </tr> <tr> <td>3</td> <td>1</td> </tr> </tbody> </table>	x	y	0	7	1	5	2	3	3	1	<p>10.</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>-6</td> </tr> <tr> <td>1</td> <td>-3</td> </tr> <tr> <td>2</td> <td>0</td> </tr> <tr> <td>3</td> <td>3</td> </tr> </tbody> </table>	x	y	0	-6	1	-3	2	0	3	3
x	y																				
0	7																				
1	5																				
2	3																				
3	1																				
x	y																				
0	-6																				
1	-3																				
2	0																				
3	3																				

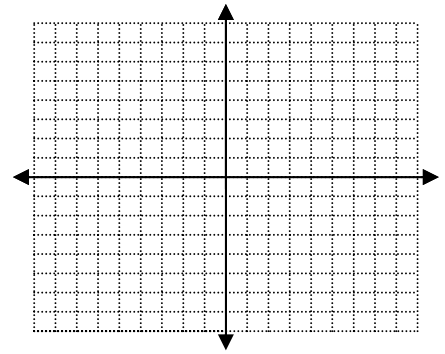
11.

x	y
-2	2
-1	0
0	-2
1	-4



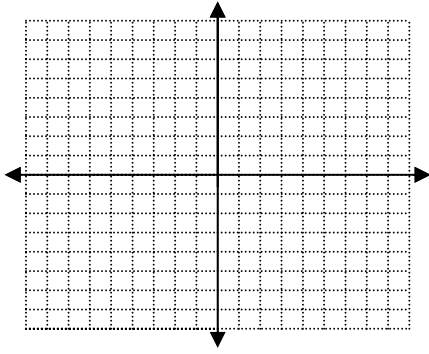
12.

x	y
3	7
2	2
1	-3
0	-8



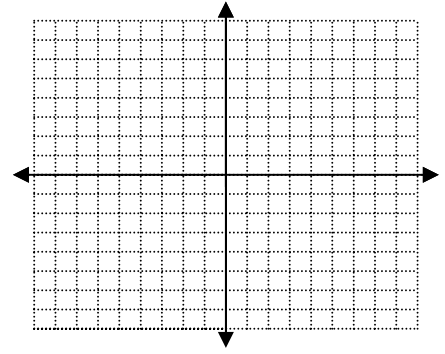
13.

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



14.

x	y
0	-2
1	-2
2	-2
3	-2



Given the equation, fill in the table.

15. Fill in the table if $y = 2x - 5$

x	y
-2	
-1	
0	
1	
2	

16. Fill in the table if $y = -2x + 5$

x	y
-2	
-1	
0	
1	
2	

17. Fill in the table if $y = \frac{1}{2}x + 3$

x	y
-2	
-1	
0	
1	
2	

18. Fill in the table if $y = 7 - 3x$

x	y
-2	
-1	
0	
1	
2	

19. Fill in the table if $y = -6 + 4x$

x	y
-2	
-1	
0	
1	
2	

20. Fill in the table if $y = 10 - 3x$

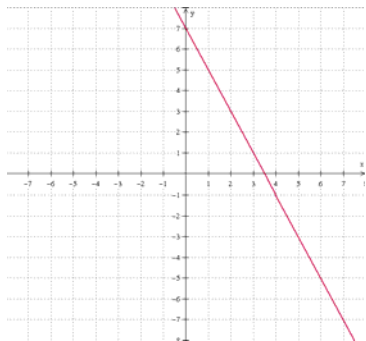
x	y
-2	
-1	
0	
1	
2	

Corrective Assignment Answers

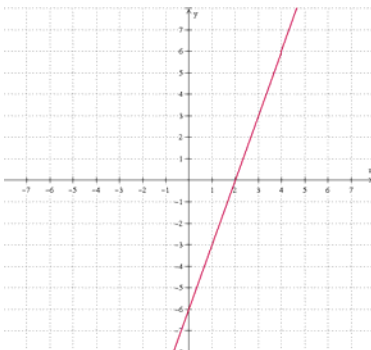
Point	Coordinate	Location
G	(-5,4)	Quadrant II
D	(-4, 3)	Quadrant II
K	(-1,2)	Quadrant II
H	(-3,-2)	Quadrant III
F	(3,0)	x-axis
B	(0,-1)	y-axis

1. yes 2. no 3. no 4. no 5. no 6. no 7. yes 8. no

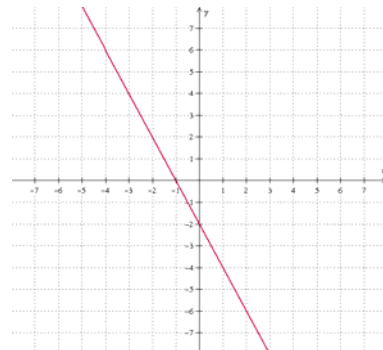
9.



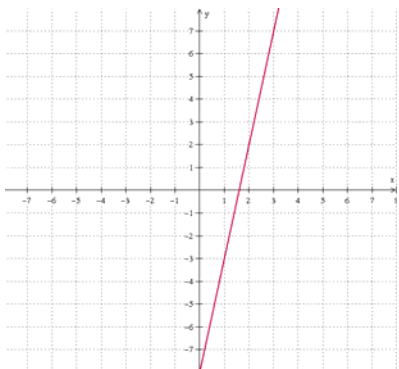
10.



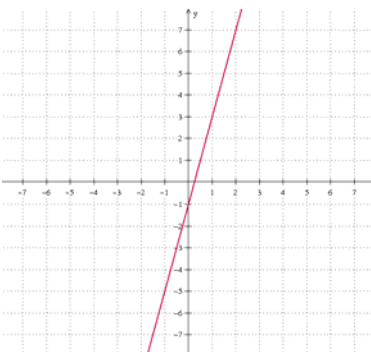
11.



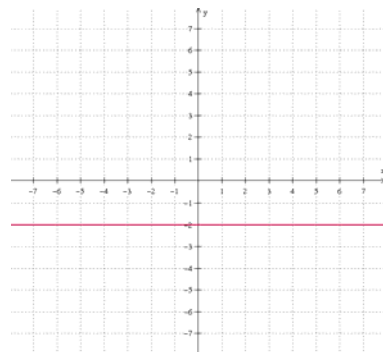
12.



13.



14.



15.

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

16.

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

17.

x	y
-2	2
-1	2.5
0	3
1	3.5
2	4

18.

x	y
-2	13
-1	10
0	7
1	4
2	1

19.

x	y
-2	-14
-1	-10
0	-6
1	-2
2	2

20.

x	y
-2	16
-1	13
0	10
1	7
2	4