Name:	Date:	Start:		Stop:		
SHOW ALL WO answer is correct.	RK. Problems with insufficie	ent work will	not recie	eve full cred	lit, even if the	
1. Give the coord Be sure to lab	linates for the following points (A el the points (F-J) on the graph	A-E) AND plot	t the points	(F-J) on the	graph provided	
A	F. (8,-5)	10				
<i>B</i>	G. (-9,-5)	5 -				
					\oplus B \oplus	

2. Circle the ordered pair(s) that are solutions for the following equation. Show work to receive full credit. There may be more than one correct answer.

-5

-10

-10

E

-5

♦

0

5

10

C

 \diamond

A

$$3x - 2y = 12 \tag{2,3}, \quad (-4, -12).$$

H.(0,5)

I.(9,0)

J. (-3,-7)

С. _____

D. _____

E._____

3. Circle the ordered pair(s) that are solutions for the following equation. Show work to receive full credit. There may be more than one correct answer.

$$-3x + 5y = 15 \tag{5,6}, \quad (0, -3).$$

4. Complete the ordered pairs for the following equation. Show work to receive full credit.

$$-2x - 4y = -8 \tag{2, } (2, -4)$$

5. Complete the ordered pairs for the following equation. Show work to receive full credit.

$$3x + 6y = 18$$
 (4, ____) (___, 3)

6. Find four solutions for the following equation. **ALL** solutions should be **INTEGER** values. No credit will be given for solutions containing fractions. Show work to receive full credit.

4x - 8y = 16

6(a)	
6(b)	
6(c)	
6(d)	

7. Find four solutions for the following equation. **ALL** solutions should be **INTEGER** values. No credit will be given for solutions containing fractions. Show work to receive full credit.

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

7(a) ______ 7(b) _____ 7(c) _____ 7(d) _____ Determine the slope (m) and y-intercept (b) for each of the following equations. Then graph each line using any desired method. Show work to receive full credit.



-10^L

-10

-5

0

5

10

Determine the slope (m) and y-intercept (b) for each of the following equations. Then graph each line using any desired method. Show work to receive full credit.



-10

-5

0

5

10

Write the equation of the line in **Slope-Intercept**. Then graph each line. Show work to receive full credit.



-10 -10

-5

0

 $\mathbf{5}$

10

15. _____

16. _____

Write the equation of the line in **Slope-Intercept**. Then graph each line. Show work to receive full credit.

17. The line passing through the point (-2,4) with slope = -4

17. _____



18. The line passing through the point (7,5) with slope $=-\frac{3}{7}$

18. _____



19. The line passing through the point (-2,-3) with slope = 0



Write the equation of the line in **Slope-Intercept**. Then graph each line. Show work to receive full credit.

20. The line passing through the points (4,5) and (-4,3)



21. The line passing through the points (2,0) and (0,-1)



22. The line passing through the points (2,-5) and (0,0)



21. _____

20. _____

Calculate the slopes of the following lines **AND** determine wether they are parallel, perpendicular or neither. Show work to receive full credit.

23. L_1 passing through the points (-2,3) and (-4,6) and L_2 passing through the points (-5,-7) and (-11,-3)	23
24. L_1 passing through the points (2,5) and (-4,-10) and L_2 with equation $-10x + 4y = 16$	24
25. L_1 with equation $-3x + 4y = 8$ and L_2 with equation $12x + 9y = 18$	25
Write the equation of the line (L) satisfying the given conditions. Put your final answer in Form. Show work to receive full credit.	Slope-Intercept
26. L passes through the point (-2,4) and is parallel to the y-axis.	26

27. L passes through the point (3,-4) and is perpendicular to the line y = 3x + 2. 27. _____

28. L passes through the point (4,2) and is perpendicular to the y-axis. 28. _____

Solve each inequality, then graph the solution set.

29. $-5x + 2y \ge 10$







31. _____

