Name _____ pd _____ Date _____

Week 33 Homework: May 4-7, 2015

1. Solve for a. You must show work!

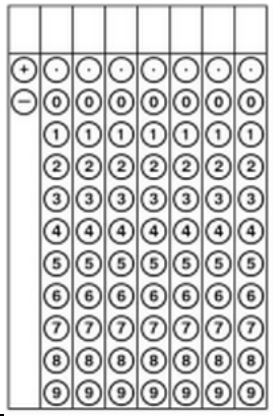
$$18a - 32 = 6a + 256$$

2. Solve for b. You must show work!

$$-4b + 5 - 7b > 159$$

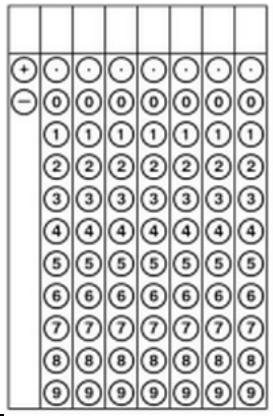
3. Solve and fill in the griddable.

$$7x + 10 = 188.5$$

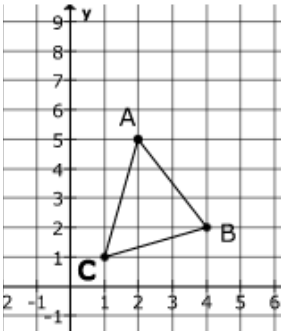


4. Solve and fill in to the griddable.

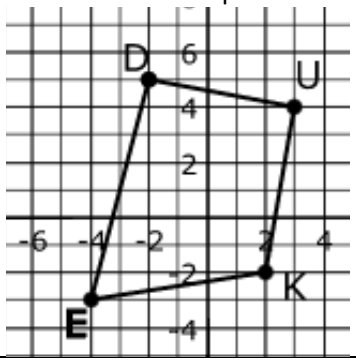
$$14x - 12.8 = 443.6$$



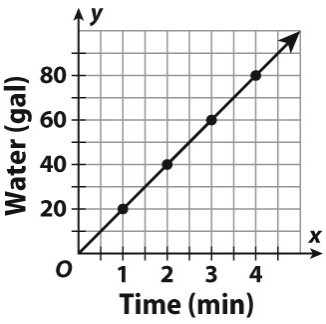
Find the slope of line CA.



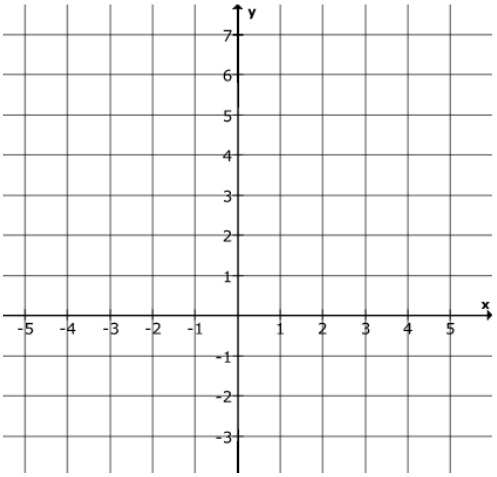
6. What is the slope of line DU?



7. Create a map to match the graph.



8. If m=-2 and b= 5, continue the graph to at least 3 points.



9. Write the equation of the table.

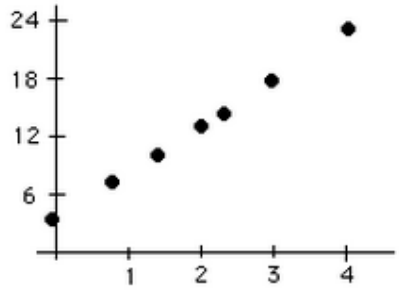
X	Y
-4	29
-3	24
-2	19
-1	14
0	9

10. Fill out the table based upon the equation

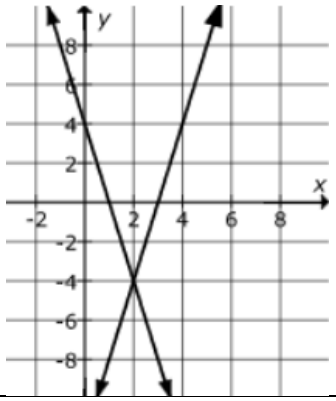
$$y = 4x - 5$$

X	Y
20	
-19	
8	
	-1

11. Is the graph continuous or discrete?



12. What is the solution to the system?



13. A rental car company charges $24 for each day and $40 for insurance. Write an equation that would allow you to find how much you might spend for renting a car.

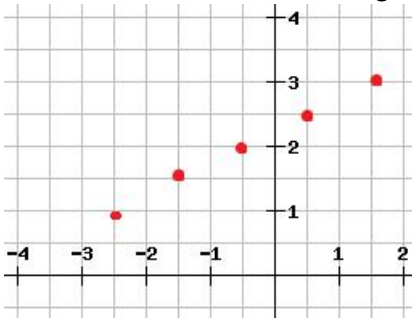
14. A flooring company charges $250 and $50 for each room that is getting new floors. Write an equation that would allow you to find the cost of flooring a house.

15. Write the equation of the table.

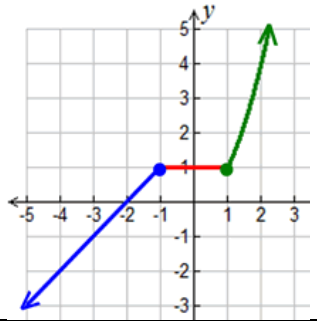
Position	Value of Term
1	0.4
2	0.8
3	1.2
4	1.6
5	2

16. Function or not? Why?
{(0, 0), (1, 2), (2, 3), (3, 4), (4, 5)}

17. What is the domain and range of the function?



18. What is the domain and range of the function?



19. What does domain represent?

20. What does range represent?