

Russell County Schools Non-Traditional Instructional Expectations

Day: 8

School: RCHS

Course/Subject: Algebra I

Teacher: Pam Wilson

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Class Blog: pamwilson.wordpress.com

Learning Target: Students will evaluate linear functions for given
CCSS: F.IF.2, F.IF.3 domain and graph.

Lesson Expectations:

1. Complete tables of values.
2. Graph.

ex:

$$f(x) = -3x + 4$$

x	f(x)
-2	10
-1	7
0	4
1	1
2	-2

$$-3(-2) + 4$$

$$6 + 4 = 10$$

$$-3(-1) + 4$$

$$3 + 4 = 7$$

$$-3(0) + 4$$

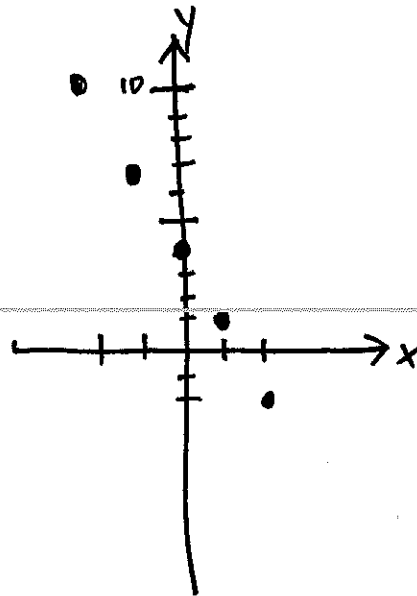
$$0 + 4 = 4$$

$$-3(1) + 4$$

$$-3 + 4 = 1$$

$$-3(2) + 4$$

$$-6 + 4 = -2$$



For Alternate Assignment Options:

[Visualpatterns.org](http://visualpatterns.org)

Which One Doesn't Belong Website: wodb.ca

[Estimation180.com](http://estimation180.com)

[Desmos.com](http://desmos.com)

For Supplemental Resources/Support: pamwilson.wordpress.com

For Teacher Support: pam.wilson@russell.kyschools.us

***Reminder: Assignments are due back to teachers within 2 school days.**



How Did The Spanish Explorers Save Gas?



Complete the table for each function. Find any answer in the code key and notice the letter next to it. Write this letter in the box at the bottom of the page that contains the circled number from that row of the table. Keep working and you will discover the answer to the title question.

① $f(x) = 2x$

x	f(x)
5	②⑥
3	⑨
0	③
-1	⑲
-5	⑮

② $f(x) = x - 4$

x	f(x)
7	⑩
4	⑫
0	⑳
-2	⑳
-5	⑮

③ $f(x) = 3x$

x	f(x)
-2	①
-1	④
0	⑬
2	⑳
3	⑮

④ $f(x) = -2x + 4$

x	f(x)
7	②
5	⑦
2	⑮
0	④
-1	⑧

⑤ $f(x) = 1 + 5x$

x	f(x)
-2	⑰
-1	⑳
0	⑪
2	⑰

⑥ $f(x) = 3x - 7$

x	f(x)
5	⑮
1	⑱
0	⑤
-1	⑩

⑦ $f(x) = -x - 5$

x	f(x)
-8	⑮
-5	⑥
0	⑳
1	⑮

⑧ $f(x) = 6 - 2x$

x	f(x)
2	⑱
0	⑬
3	⑮
7	⑮

CODE KEY	
-10	H
-9	O
-8	G
-7	W
-6	N
-5	M
-4	A
-2	D
0	E
1	R
3	L
4	Y
6	T
8	I
10	S
11	U

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
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$f(x)$ is the same thing as y ,

