

Lesson 4.2.1

4-37. See below:

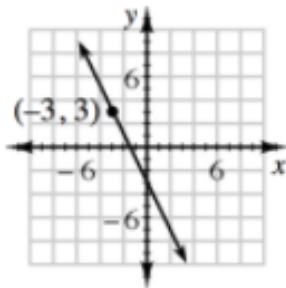
- a. $a = 0$
- b. $m = -2$
- c. $x = 10$
- d. $t = 2$

4-38. See below:

- a. *ii*
- b. 4 touchdowns and 9 field goals

4-39. See below:

- a. See answers in bold in table and line on graph.



- b. Yes; $(-3, 3)$ and $(-2, 1)$ both make this equation true.

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

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4-40. Katy is correct; the $6x - 1$ should be substituted for y because they are equal.

4-41. See below:

a. $\frac{1}{8}$

b. b^4

c. 9.66×10^{-1}

d. 1.225×10^7