

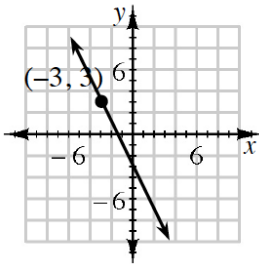
6-61.

a. *ii*

b. **4** touchdowns and **9** field goals

6-62.

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



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

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

6-63.

a. geometric

b. curved

c. $t(n) = \frac{2}{5}(5)^n$

6-64.

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

6-65.

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

b. b^4

c. 9.66×10^{-1}

d. 1.225×10^7

6-66.

- a. Calculate the output for the input that is **6** times w .
- b. Calculate the output for the input that is **2** less than h .
- c. 10 more than **4** times the output of f when the input is a .