

C4L4 Notes

EVALUATING FUNCTIONS

Use the function represented by the data set to answer the questions.

1. $\{(-8, 1), (-1, 7), (6, 13), (13, 19)\}$

What is the value of y when $x = \underline{\hspace{2cm}}$?

2.

x	$f(x)$
-2	4
0	7
2	10
4	13

3.

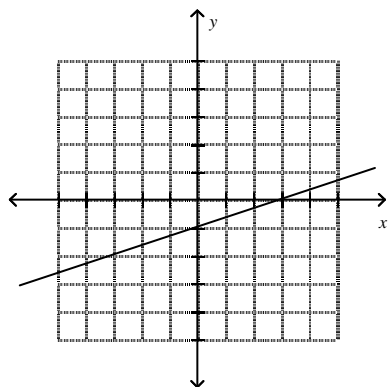
x	$f(x)$
-3	11
-1	6
1	1
3	-4

What is the value of $f(\underline{\hspace{2cm}})$?

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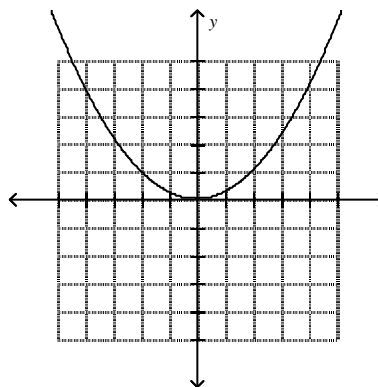
Use the graphs to answer the questions.

3.



What is $f(\underline{\hspace{2cm}})$?

4.



What is the value of y when $x = \underline{\hspace{2cm}}$?

Evaluate the following functions at the given value.

5. $f(x) = x^2 - 5x$ at $f(\quad)$ **6. $f(x) = 3x^2 - 4x + 7$ at $f(\quad)$**

7. $f(x) = 8 - 5x^2$ at $f(\quad)$ **8. $f(x) = -3x + 5$ at $f(\quad)$**

9. $f(x) = 7 - 5x$ at $f(\quad)$