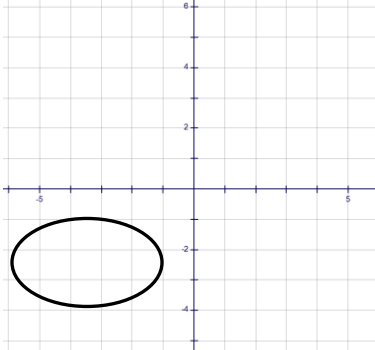
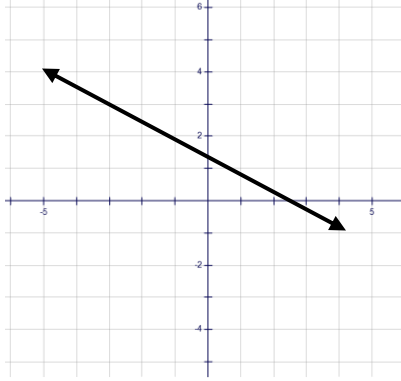
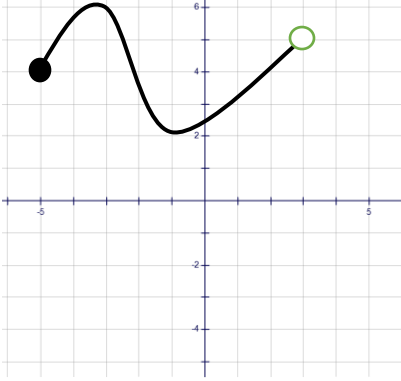


Name: _____

Date: _____

FIF1 Domain and Range, FIF2 Evaluate Functions

Identify if the following are functions, then identify the domain and range of each one.

1.  Function: Yes / No Domain: Range:	2.  Function: Yes / No Domain: Range:	3.  Function: Yes / No Domain: Range:
4. $y = x - 4 - 5$ Function: Yes / No Domain: Range:	5. $y = \frac{5}{x+7}$ Function: Yes / No Domain: Range:	6. $y = 7$ Function: Yes / No Domain: Range:
7. $(-2, 5) (0, 5) (1, 5) (3, 5)$ Function: Yes / No Domain: Range:	8. $(2, 3) (3, 4) (4, 5) (5, 6)$ Function: Yes / No Domain: Range:	9. $(-5, 4) (-5, 2) (0, 1) (3, -2)$ Function: Yes / No Domain: Range:

Evaluate the following functions:

$$f(x) = x^2 + 3x + 2 \quad g(x) = -7x + 2$$

10. $g(-7)$

11. $f(3)$

12. $f(g(-2.5))$

13. $g(f(5))$

14. $g(x) = 33$

15. $f(x) = 12$

16. $f(x + 1)$

17. $g(2x - 5)$

18. $g(f(n - 5))$