

Pre-AP Algebra II

Assignment #11 (Test #5 Review)

[+7 points if completed by Wednesday 10/9/19]

Name: _____

Period: _____

Directions: Graph the following functions. State the domain and range of each function in set and interval notation. Verbally describe the transformations of each graph from its parent function.

[Notes #32-33]

1. $f(x) = |x - 3|$

2. $f(x) = |x| - 7$

3. $f(x) = |x - 5| + 3$

4. $f(x) = -|x + 5| + 8$

5. $f(x) = |-x + 4| + 3$

6. $f(x) = x^2 - 9$

7. $f(x) = (x + 6)^2$

8. $f(x) = (x - 5)^2 + 2$

9. $f(x) = -(x + 3)^2 - 4$

10. $f(x) = -(-x - 7)^2 + 8$

