

Pre-AP Algebra II

Assignment #30 (Test #13 Review)

[+7 points if completed by Wednesday 1/29/20]

Name: _____

Period: _____

Directions: Graph the following functions and inequalities.

[Notes #90, #93-94]

1. $f(x) = \sqrt{x+2} - 3$

2. $f(x) = 2\sqrt{-x-3} + 1$

3. $f(x) = \frac{3}{2}\sqrt{x-1} - 3$

4. $y > -\sqrt{2x-4} + 2$

5. $f(x) = (-x-5)^3 + 1$

6. $f(x) = \frac{1}{4}(x-8)^3 - 2$

7. $f(x) = -(-2x-2)^3 - 1$

8. $y \leq -\frac{2}{3}(x+3)^3 - 2$

9. $f(x) = -\sqrt[3]{x-4} + 1$

10. $f(x) = 3\sqrt[3]{-x+5} - 1$

11. $f(x) = -3\sqrt[3]{-x-2} - 5$

12. $y < -\frac{1}{2}\sqrt[3]{x-1} + 1$



