



Chapter 3

Worksheet 3B

Name _____

Period _____

Directions: On a separate sheet of graph paper sketch each function. Make sure you number and label each graph. Plot at least 2 points for accuracy.

1. $y = -|x + 2|$

2. $y = -(x - 2)^2 + 3$

3. $y = \frac{1}{x} - 3$

4. $y = -\sqrt{x}$

5. $y = \sqrt{-x} + 2$

6. $y = \sqrt{|x|}$

7. $y = \lfloor x \rfloor$

8. $y = |x^2 - 4|$

9. $y = \left| \frac{1}{x} \right| + 3$

10. $y = \sqrt{x - 1} + 5$

11. $y = (x - 7)^3$

12. $y = -x^3 + 2$

13. $y = |x^3|$

14. $y = ||x| + 2|$

15. $y = ||x| - 3|$

16. $y = -\sqrt{|x|}$