

FUNCTION REVIEW WORKSHEET 2 - RADICAL AND CUBIC FUNCTIONS

Graph the following functions on a sheet of graph paper. Each function should have its own graph. Find and label the point of origin, range, domain, y intercept, and x intercept.

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

2. $y = \frac{1}{2}\sqrt{x+3} - 2$

3. $y = \sqrt{4-x} - 2$

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

5. $y = -2(x+3)^{1/2} + 4$

6. $y = \sqrt{3-2x} - 2$

7. $y = \sqrt[3]{x-2} + 1$

8. $y = -\sqrt[3]{x+2}$

9. $y = \sqrt[3]{4-x} + 2$

10. $y = \sqrt[3]{x+5} - 3$

11. $y = -\sqrt[3]{2-x} + 3$

12. $y = 2 + (x-3)^{1/3}$

13. $y = (x+5)^3 - 4$

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

15. $y = (x-3)^3$