

Practice 7-8 1-27 odd

Graphing Square Root and Other Radical Functions

Graph each function. Make tables. Graph final table only. Find Domain + Range.

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

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

3. $y = \sqrt[4]{x+1}$ Range.

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

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

6. $y = \sqrt{x+1} - 3$ Describe transformation.

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

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

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

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

11. $y = \sqrt[2]{x-1} - 5$

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

13. $y = -\sqrt{x+1} - 4$

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

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

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

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

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

19. $y = -\sqrt[3]{x+1} + 4$

20. $y = \sqrt{x-3} + 3$

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

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

23. $y = \sqrt{x+3} - 3$

24. $y = \sqrt{x+4} - 1$

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

26. $y = \sqrt{x+2} + 1$

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