



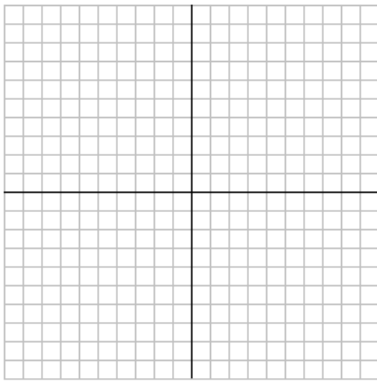
GRAPHING RADICAL FUNCTIONS WORKSHEET #2

Graph the radical function. Identify the Domain and Range. Use tables or your knowledge of transformations.

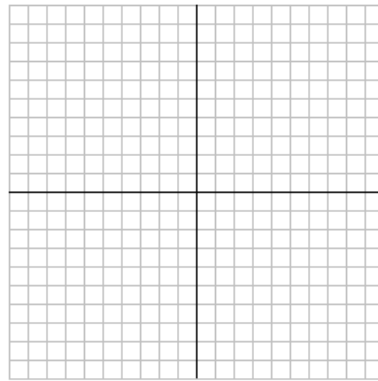
1. $f(x) = \sqrt{x+4} - 7$

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

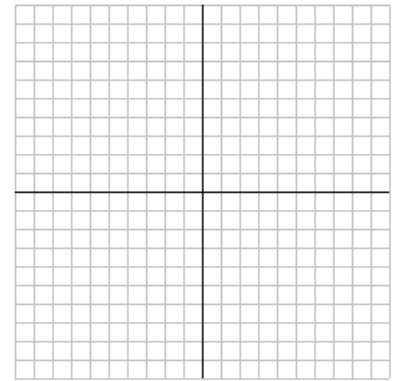
3. $f(x) = -2\sqrt{x-1} - 2$



D: R:



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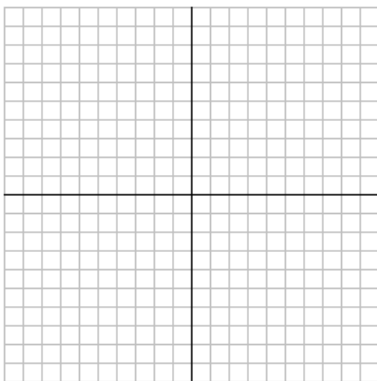


D: R:

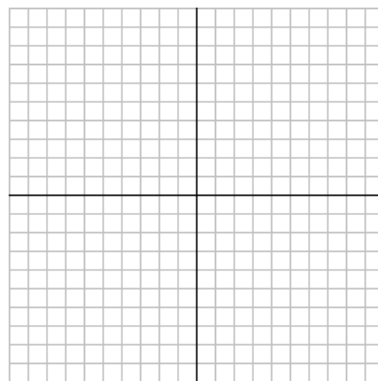
4. $f(x) = -4\sqrt{x+5} + 4$

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

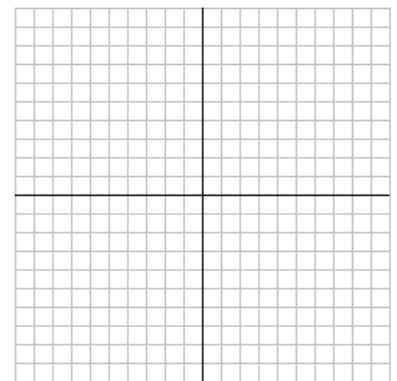
6. $f(x) = -2\sqrt{4+x} + 3$



D: R:

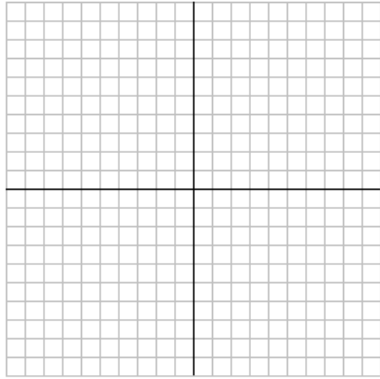


D: R:



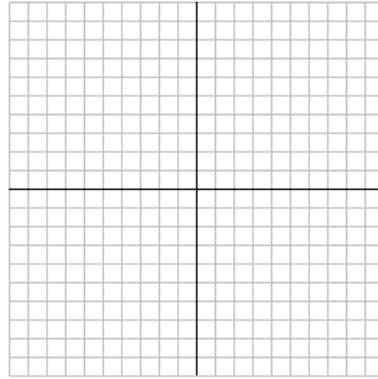
D: R:

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



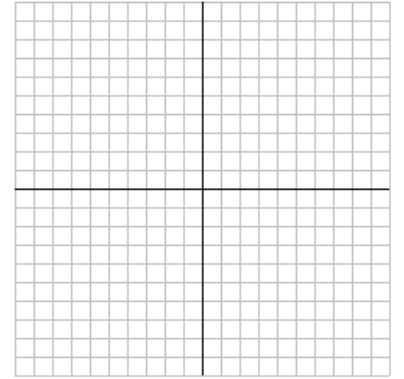
D: R:

8. $f(x) = 4\sqrt[3]{x+2} + 3$



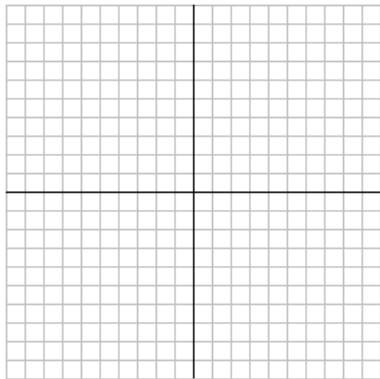
D: R:

9. $f(x) = -3\sqrt[3]{x-6}$



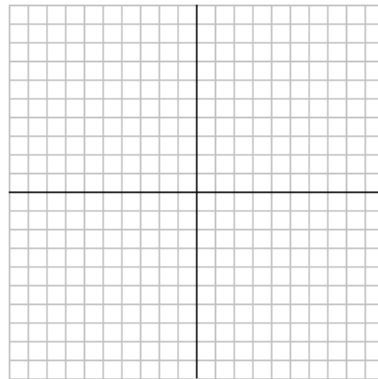
D: R:

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



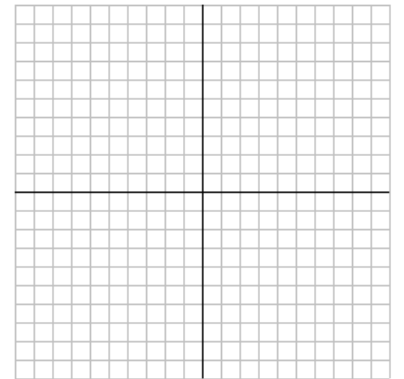
D: R:

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



D: R:

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



D: R: