

11.4 Review
Algebra 1

Name _____

Find the domain of each function.

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

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

3. $f(x) = \sqrt{x+14}$

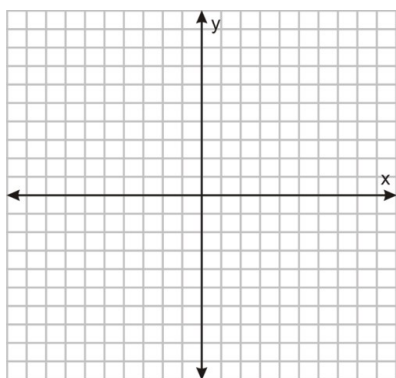
4. $y = \sqrt{x+8}$

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

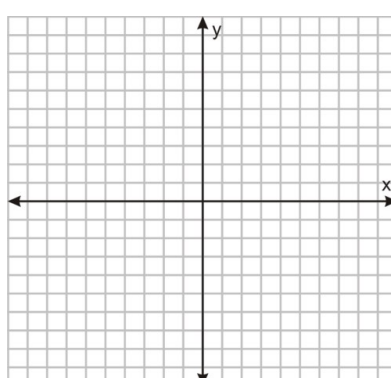
6. $y = \sqrt{6x}$

Make a table of values and graph each function.

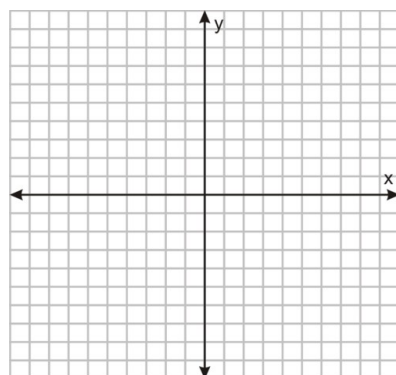
7. $y = \sqrt{x} - 12$



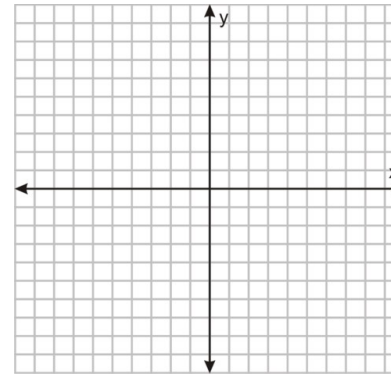
8. $y = \sqrt{x+8}$



9. $y = 3\sqrt{x}$



10. $y = -\sqrt{x-6}$



Describe how to translate the graph of $y = \sqrt{x}$ to obtain the graph of each function.

11. $y = \sqrt{x} - 9$

12. $y = \sqrt{x+20}$

13. $y = \sqrt{x-4} - 7$