

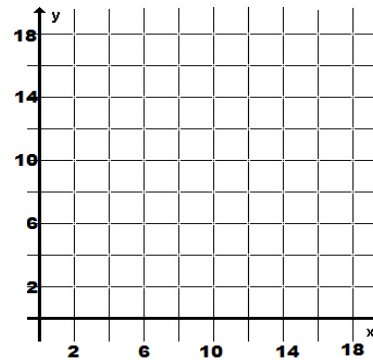
MasterMath

Graphing Radical Equations

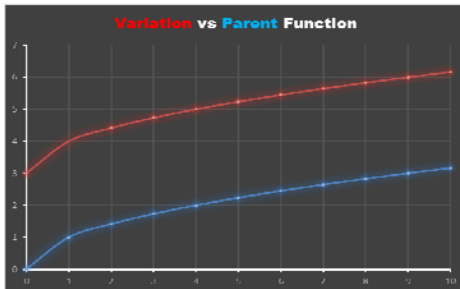
Name _____

Date _____

1. Please graph: $y = 2\sqrt{x} + 3$

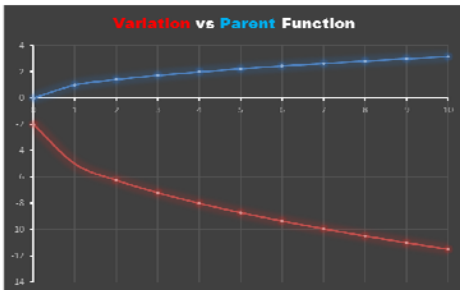


2. Which of these equations could be represented by the red graph?

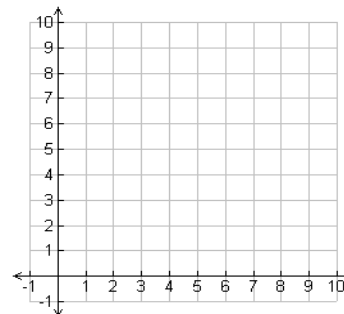


- a. $y = .5\sqrt{x} + 1$
- b. $y = \sqrt{x} + 3$
- c. $y = 3\sqrt{x} + 3$
- d. $y = \sqrt{(x + 4)} + 4$

3. Compare the red graph to the blue graph (Parent Square Root Function).



4. Graph The Parent Square Root Function and $y = 2\sqrt{(x + 1)}$.



5. Describe how this equation varies from the parent function:
 $y = -\sqrt{x} + 3$