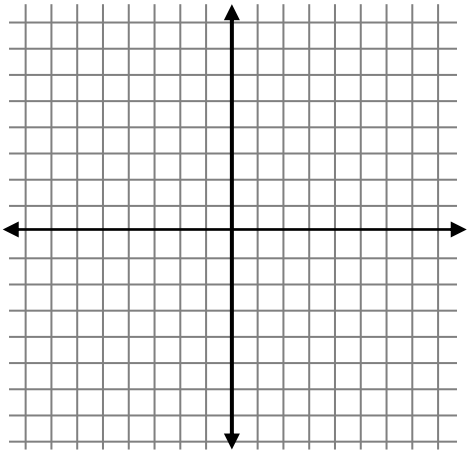
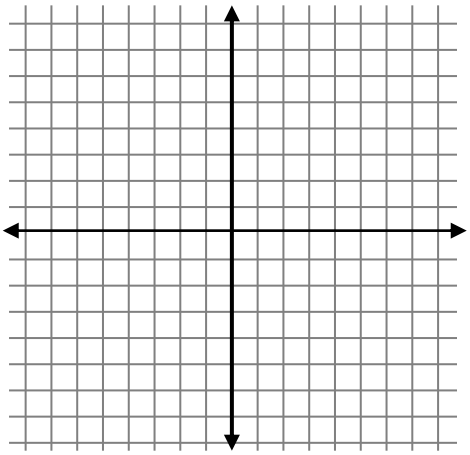
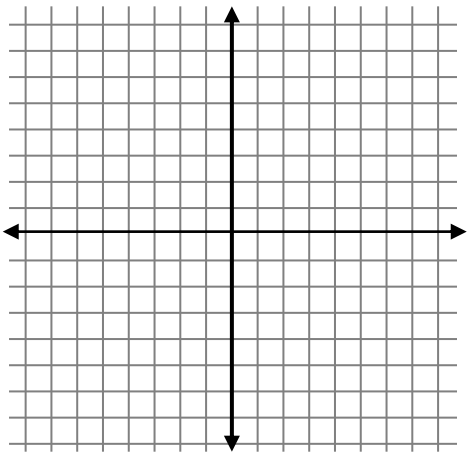
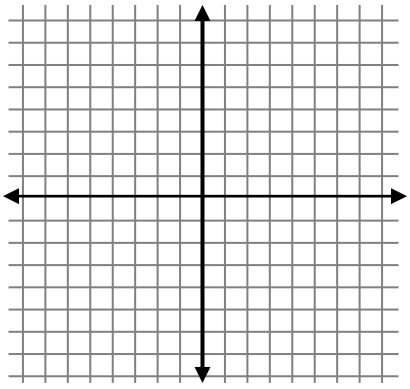
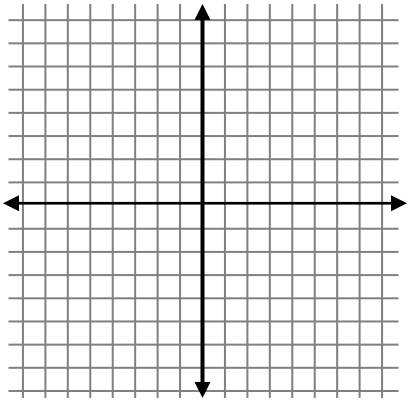
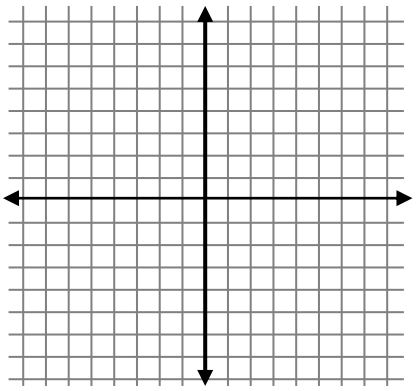
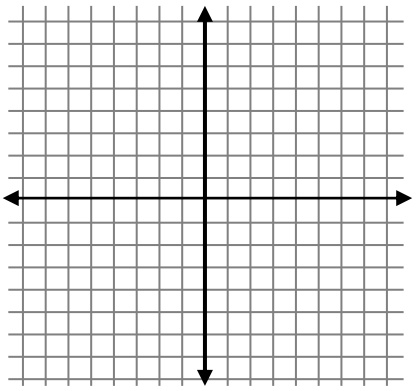
Square Root Parent Function/Graph and Transformations

Parent Function	Parent Graph	Description of Graph
$y = \sqrt{x}$		

Transformations of the Parent Function

Function	Description of Transformation	Graph
1. $y = \sqrt{x-1} + 3$		
2. $y = \sqrt{x} - 4$		

Function	Description of Transformation	Graph
3. $y = \sqrt{x+1}$		
4. $y = \sqrt{x+2} - 1$		
5. $y = -\sqrt{x}$		
6. $y = -\sqrt{x+2} - 3$