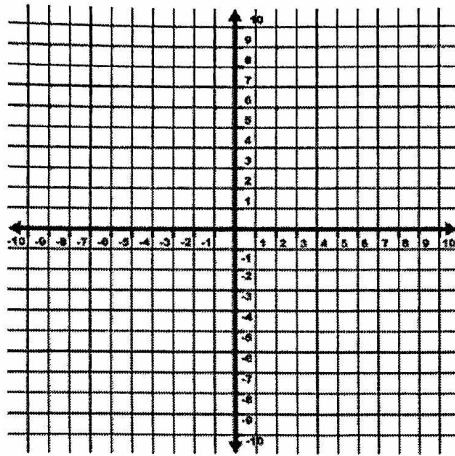


AA PREP: GRAPHING SQUARE ROOT FUNCTIONS WITH TRANSFORMATIONS

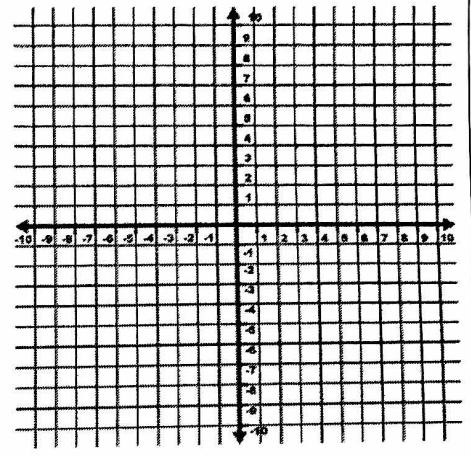
Graph the square root parent function. Then, graph each of the following square root functions using transformations. State domain and range.

1. $y = \sqrt{x}$



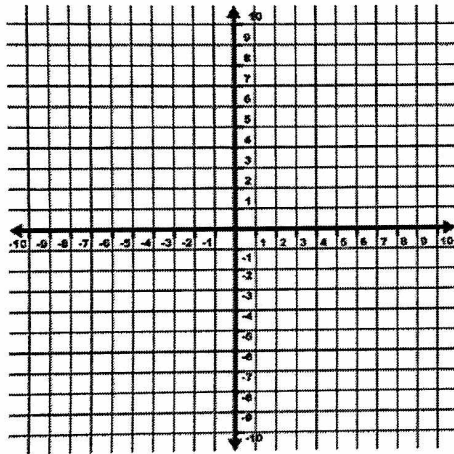
Domain: _____ Range: _____

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



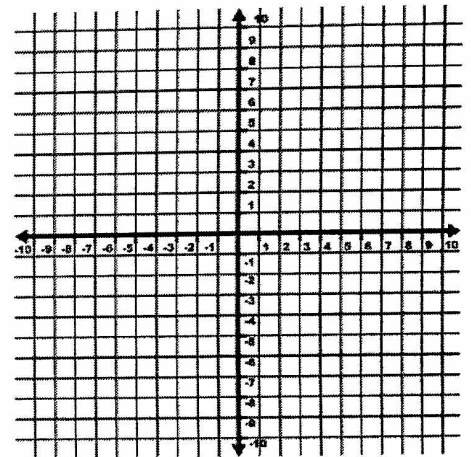
Domain: _____ Range: _____

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



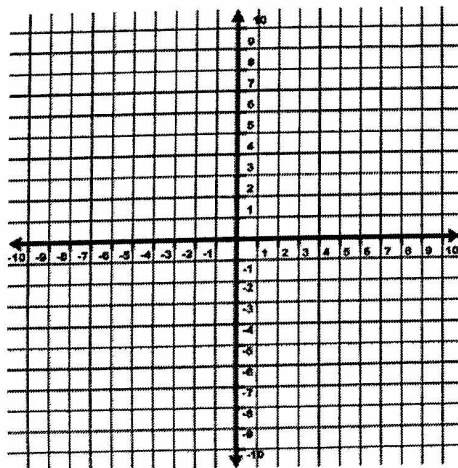
Domain: _____ Range: _____

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



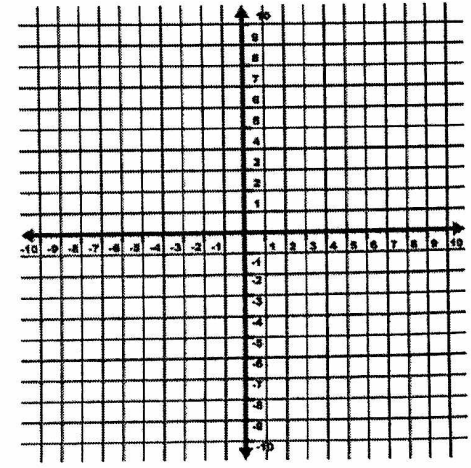
Domain: _____ Range: _____

5. $g(x) = 3\sqrt{x}$



Domain: _____ Range: _____

6. $y = \frac{1}{3}\sqrt{x}$



Domain: _____ Range: _____