

**Algebra 2**

**Unit: Radical Functions**

**Section: Graphing Radical Functions and Domain and Range**

**Writing Assignment: Graphing Radical Functions and Domain and Range**

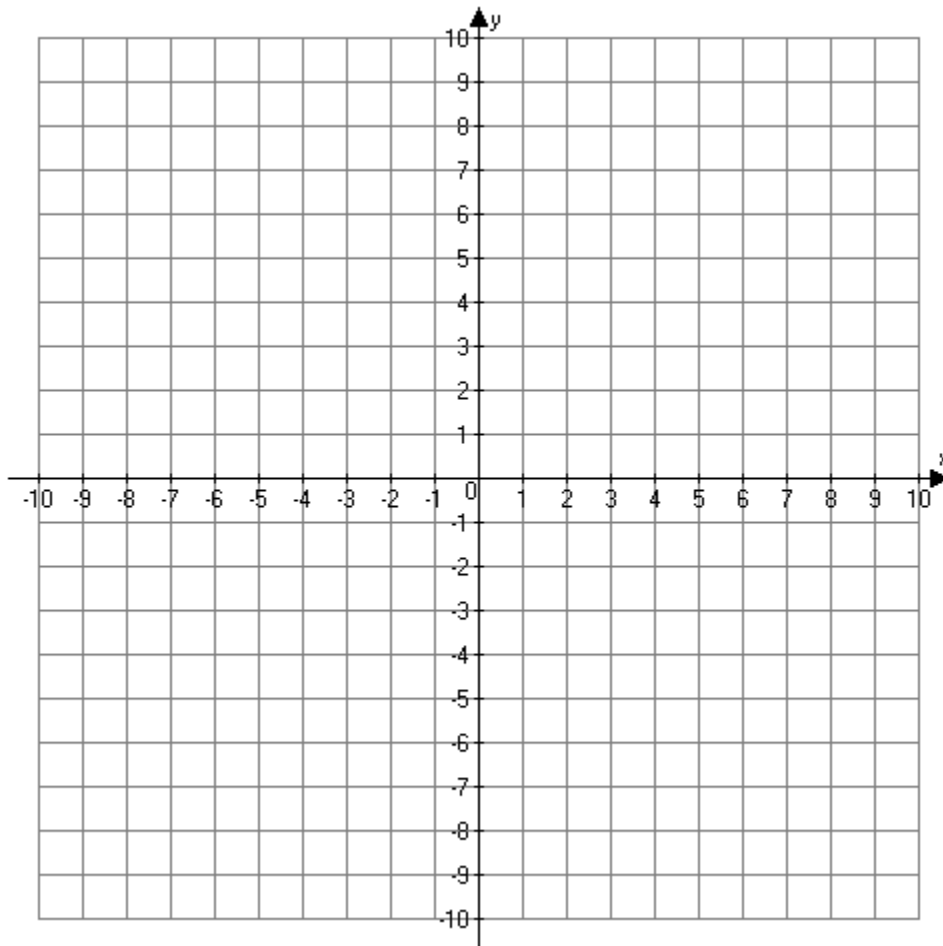
**Total Points: 50**

Each of the following questions is worth 10 Points with the following breakdown:

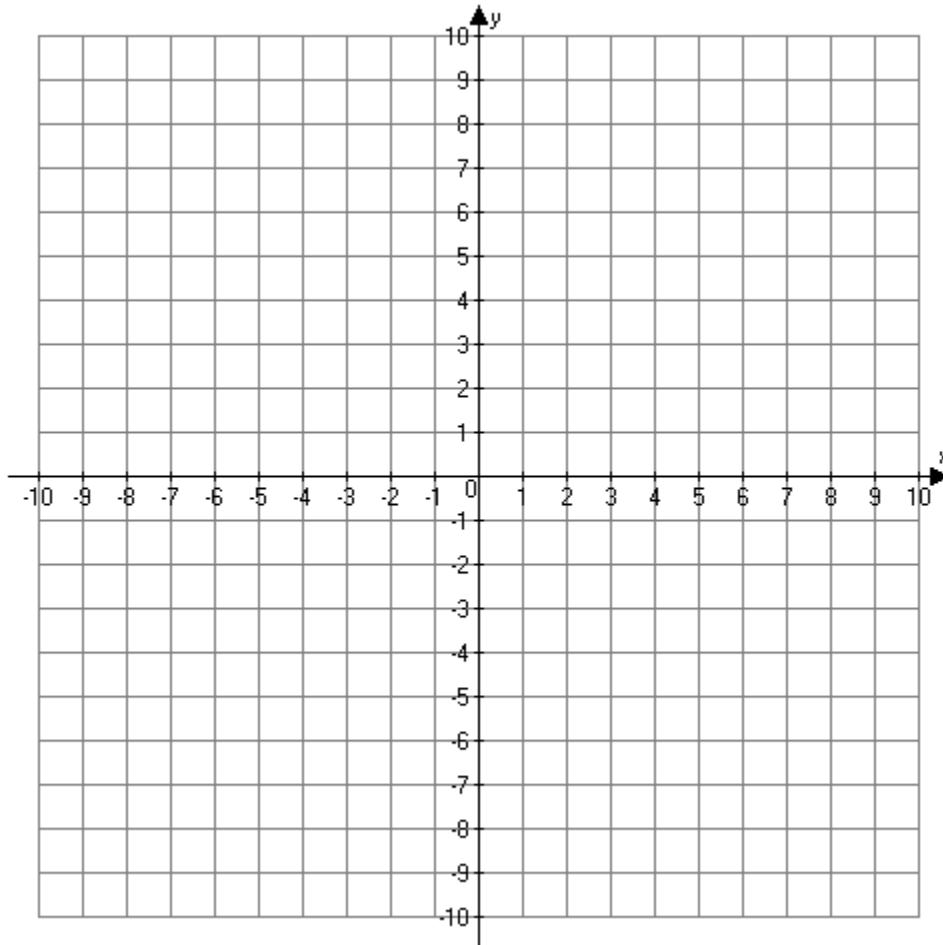
- 6 Points for the graph
- 2 Points for finding the correct domain
- 2 Points for finding the correct range

Graph the functions and describe the domain and range of each function.

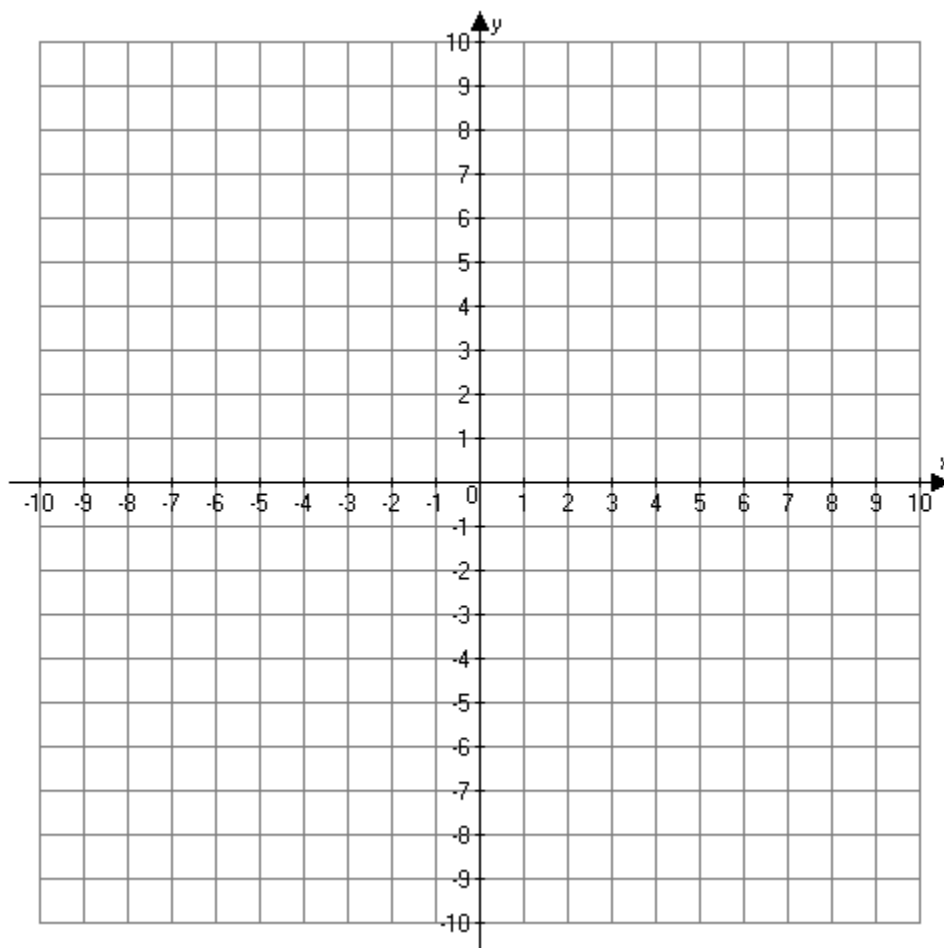
1.  $f(x) = -\sqrt{x+1}$



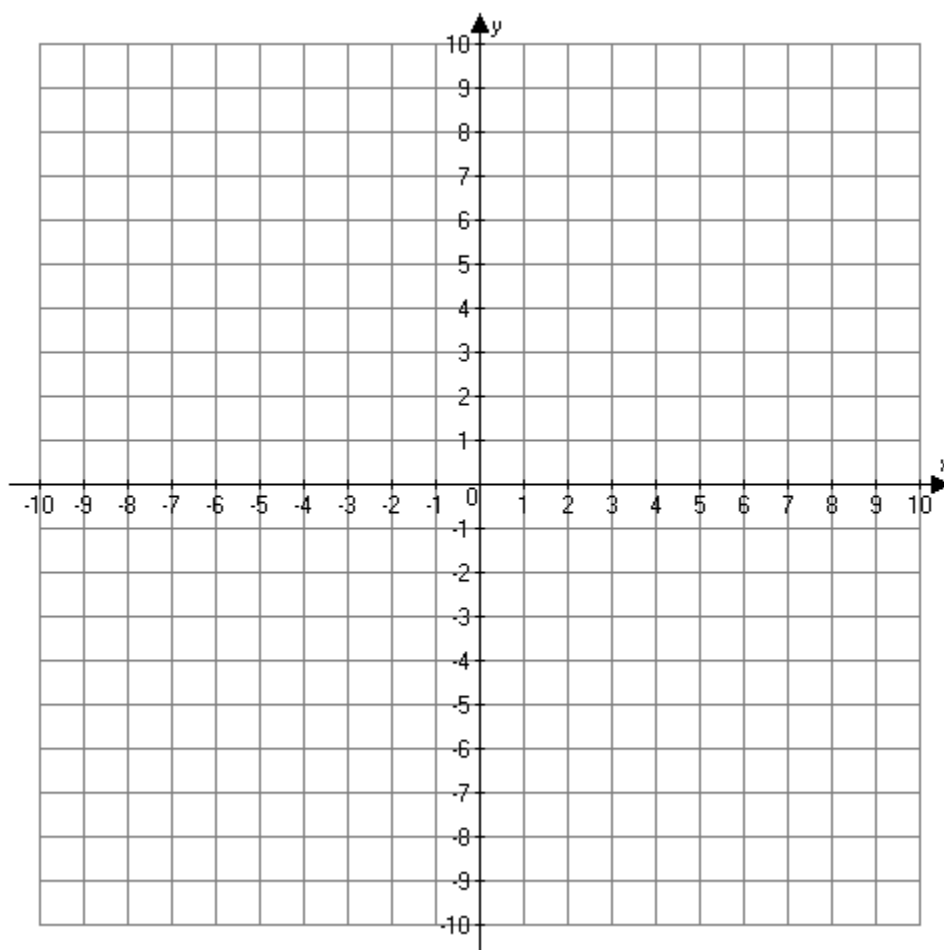
2.  $f(x) = 2\sqrt{x} - 2$



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



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



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

