Alg 2

Hwk #4

Sec 5-3

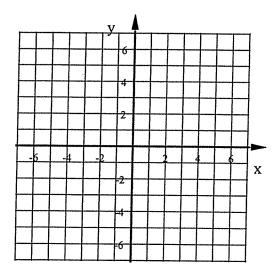
Spring 2020

Name:

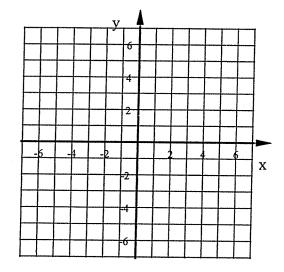
For 1 to 3, graph each square root function using at least three points.

For 4 to 6, write the equation of each graph.

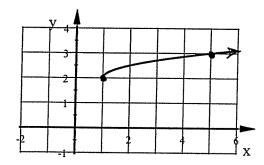
1. 
$$y = 5\sqrt{x+6} - 7$$



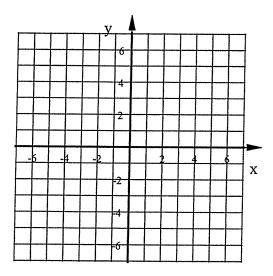
3. 
$$y = -3\sqrt{x+2} + 5$$



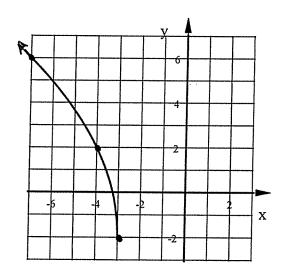
5. EQ:



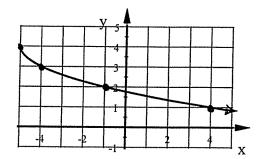
2.  $y = -2\sqrt{-(x-1)} + 4$ 



4. EQ:



6. EQ:



For 7 and 8 find the Domain and Range of each Square Root Function.

7. 
$$y = 3\sqrt{-(x-6)} + 3$$

8. 
$$y = -4\sqrt{x+7} - 8$$