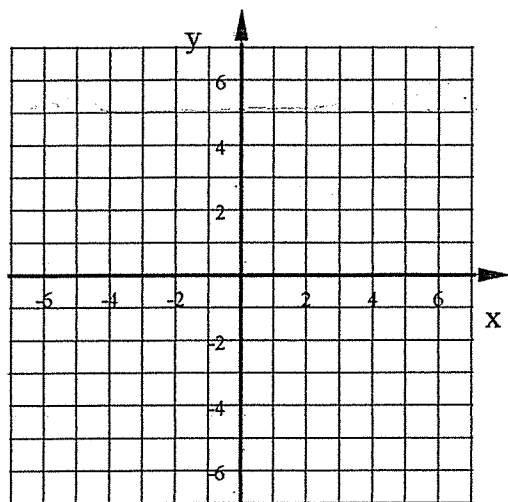


Hon Alg 2 Homework #22 Sec 7-8 Name:

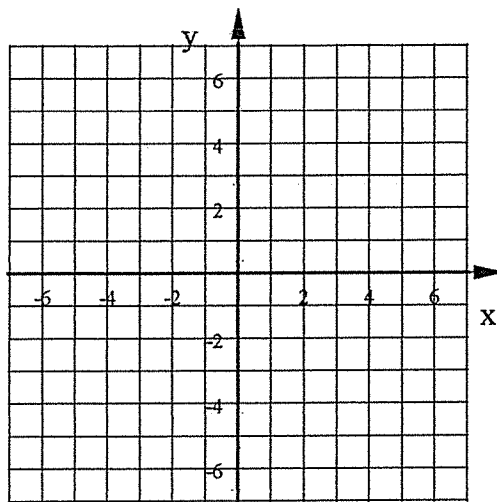
For 1 to 3, graph each square root function using at least three points.

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

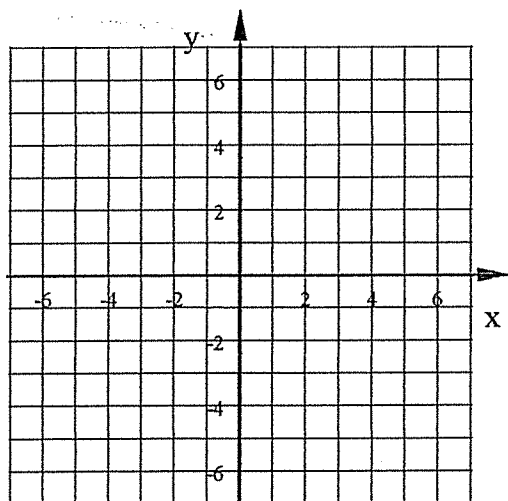
1. $y = 5\sqrt{x+6} - 7$



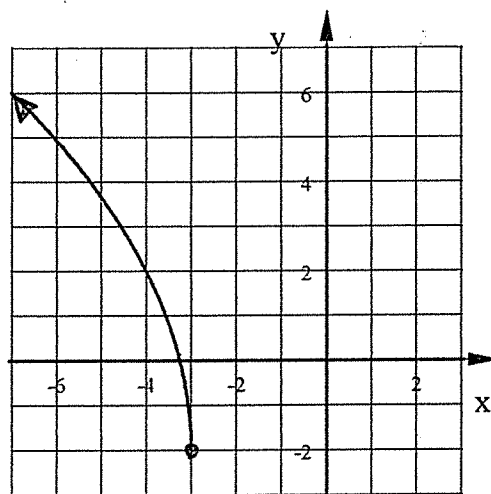
2. $y = -2\sqrt{-(x-1)} + 4$



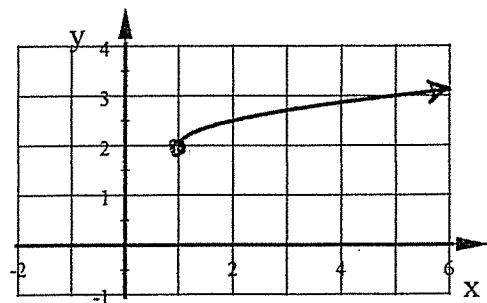
3. $y = -3\sqrt{x+2} + 5$



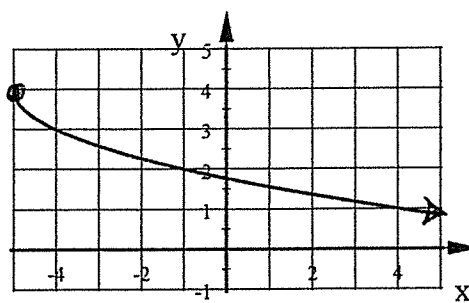
4. EQ:



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