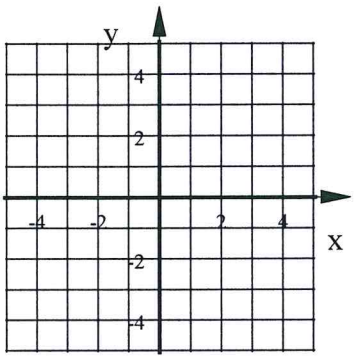
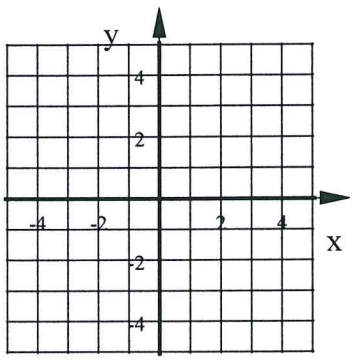
Algebra 2 Bellwork Wednesday, March 16, 2016

1. Graph each Square Root Function.

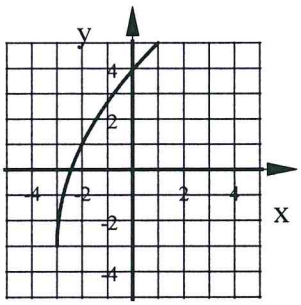
a. $y = 3\sqrt{-(x+1)} - 4$ b. $y = -2\sqrt{x-1} + 5$

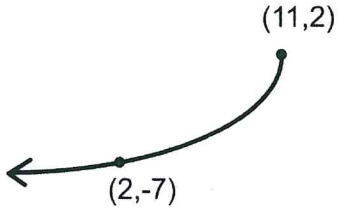




2. Write the equation of each Square Root Function.

a. b.

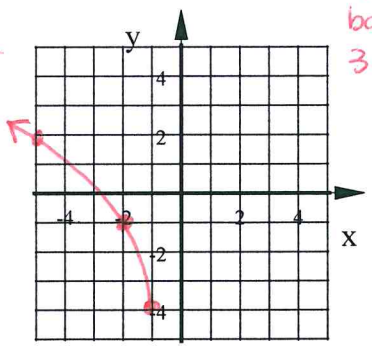


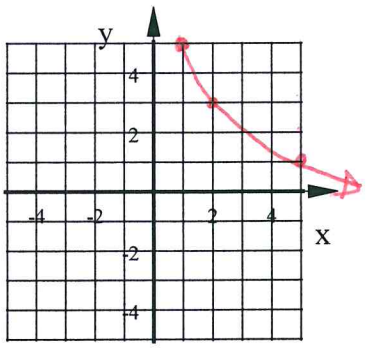


Algebra 2 Bellwork Wednesday, March 16, 2016 Answers

1. Graph each Square Root Function.

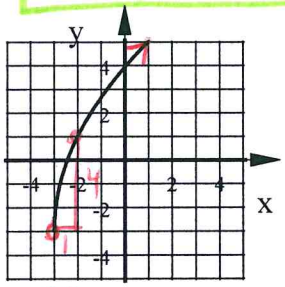
a. $y = 3\sqrt{-(x+1)} - 4$ 1 left 4 down backwards 3x taller b. $y = -2\sqrt{x-1} + 5$ 1 RT 5 up upside down 2x taller

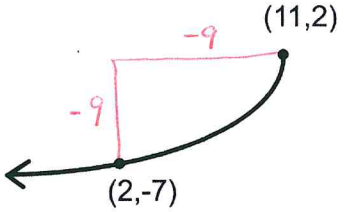




2. Write the equation of each Square Root Function.

a. $y = 4\sqrt{x+3} - 3$ b. $y = -3\sqrt{-(x-11)} + 2$





3 left 3 down 4 x taller No Reflection

11 RT 2 up upside down & backwards

parent $\frac{3}{9}$ > 3x Taller

this function $\frac{-9}{-9}$