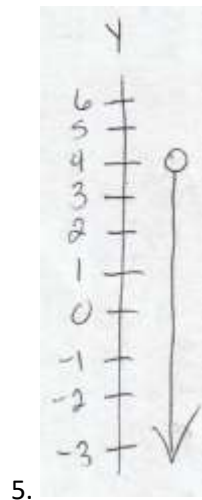
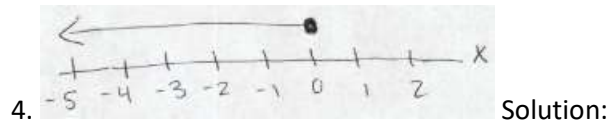
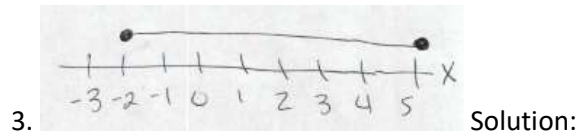
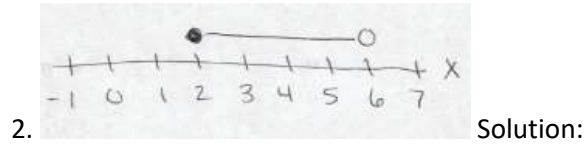
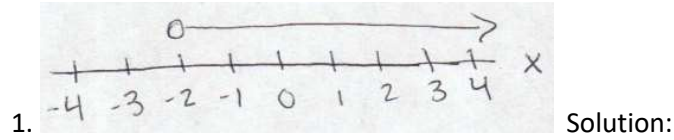


Algebra 2 | Unit 3.5 Worksheet

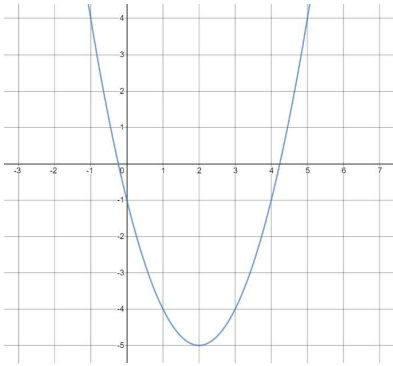
Name: _____ Hour: _____

Use Interval Notation to give a solution for the following number lines:



Determine the domain and range of the following functions.

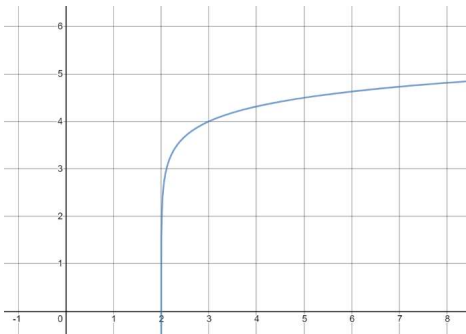
9. $y = (x - 2)^2 - 5$



Domain:

Range:

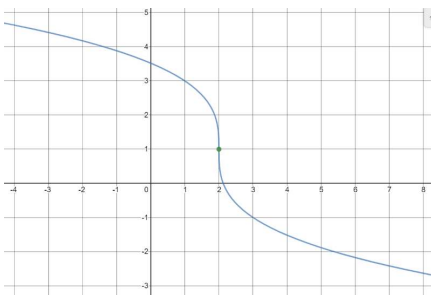
11. $y = \frac{1}{2} \log_3(x - 2) + 4$



Domain:

Range:

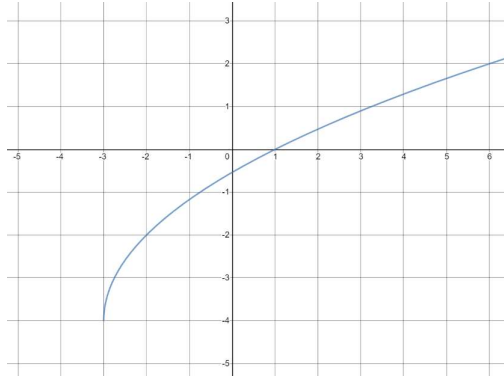
13. $y = -2\sqrt[3]{x - 2} + 1$



Domain:

Range:

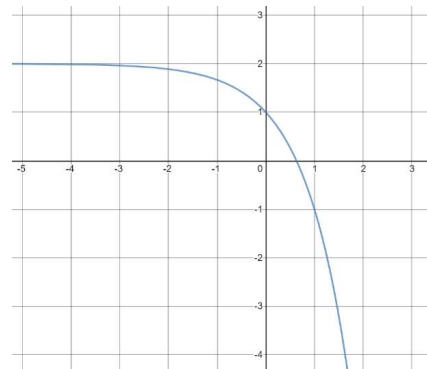
10. $y = \sqrt{x + 3} - 4$



Domain:

Range:

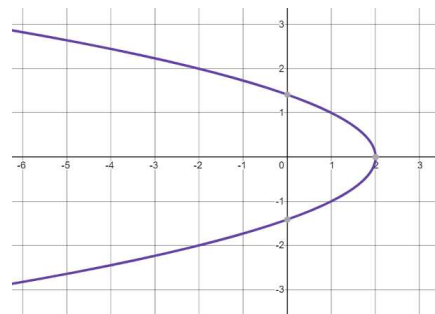
12. $y = -3^x + 2$



Domain:

Range:

14. $x = -y^2 + 2$



Domain:

Range: