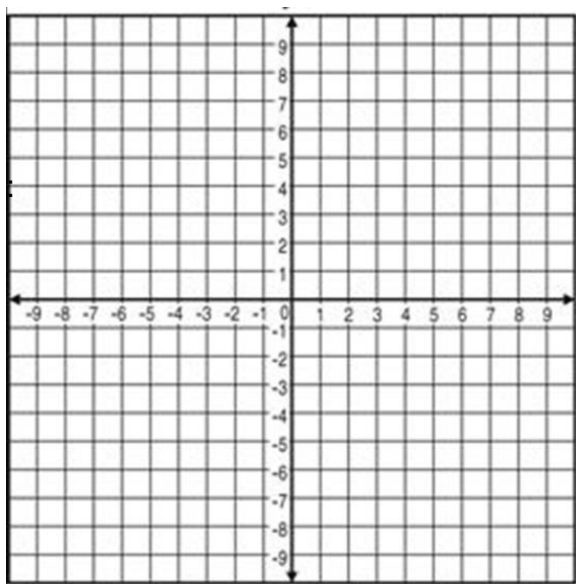


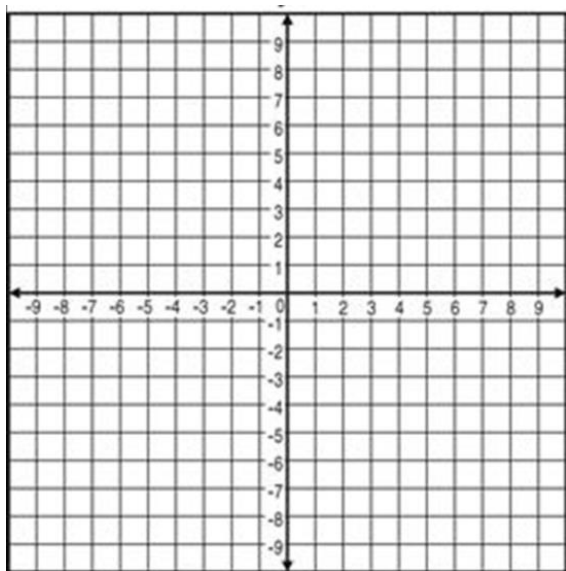
Graphing Logs and Exponentials

Graph – Asymptotes – Domain – Range – Increasing – Decreasing- Inverse



$$y = \log_2 x$$

$$y = 2^x$$

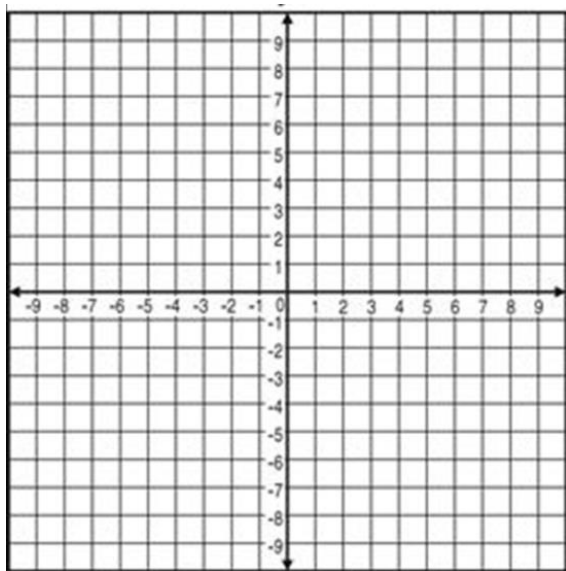


$$y = b^x$$

$$y = a \cdot b^{x-h} + k$$

$$y = 3^x$$

$$y = 3^{x-1} + 2$$



$$y = \log_b x$$

$$y = a \log_b(x - h) + k$$

$$y = \log_3 x$$

$$y = \log_3(x + 1) - 2$$