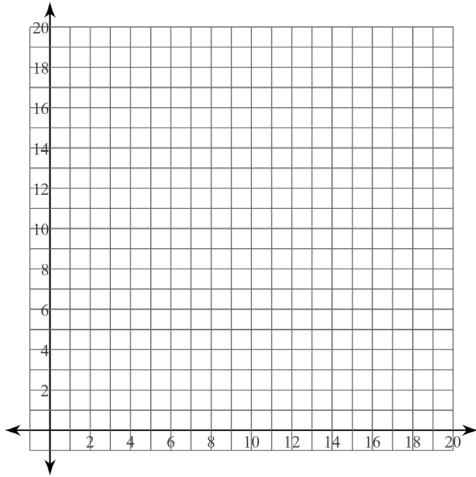


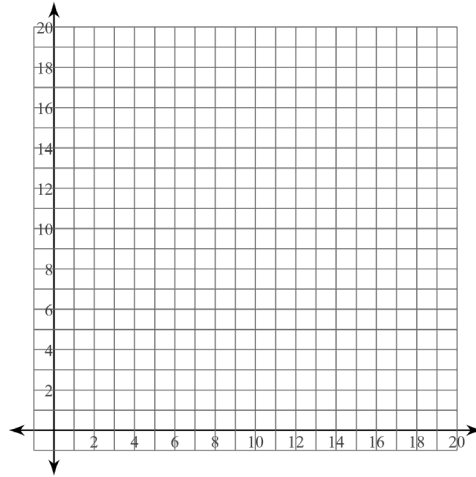
USING KEY CHARACTERISTICS

Graph each of the following functions and label the key characteristics of the graph.

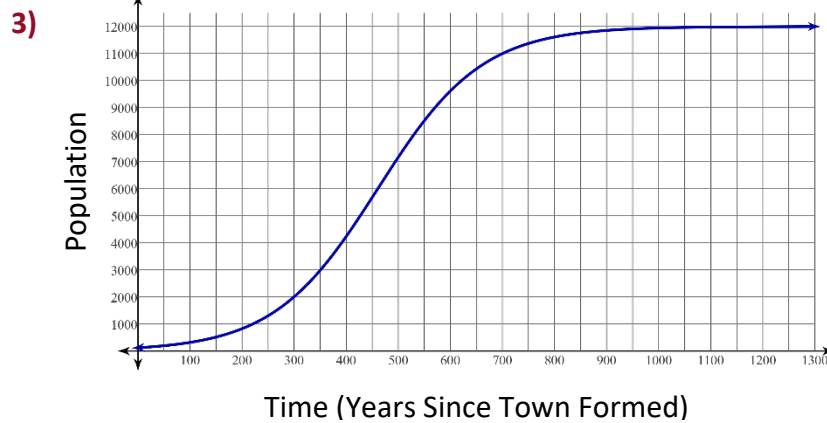
1) $y = \frac{10}{1 + 20e^{-0.5x}}$



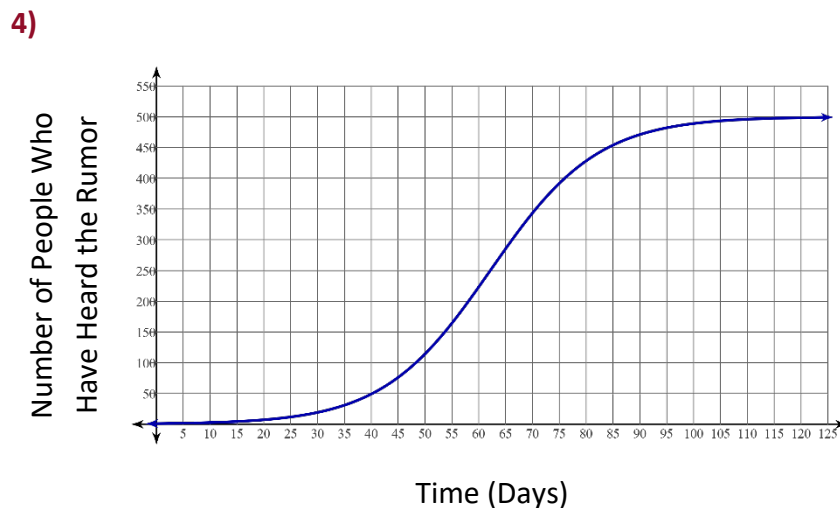
2) $y = \frac{16}{1 + 37e^{-0.8x}}$



Given a graph, write what you know based on the graph and justify your reasoning.



Population of a
Nearby Town



Growth of a
Rumor Within a
Community