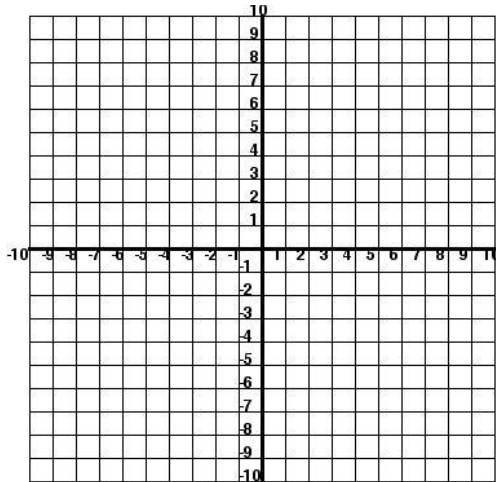


Name: _____ Class: _____ Date: _____

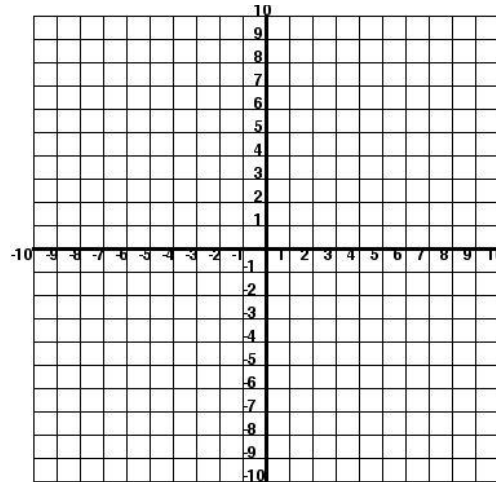
Copy of 7-1: Graphing Exponential Functions (Practice)

Graph each function. State the domain and range.

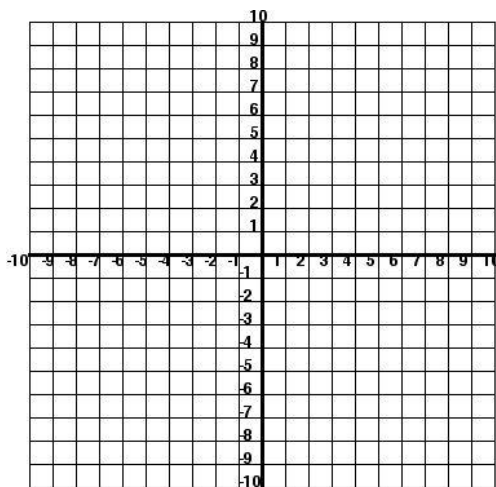
1. $y = 1.5(2)^x$



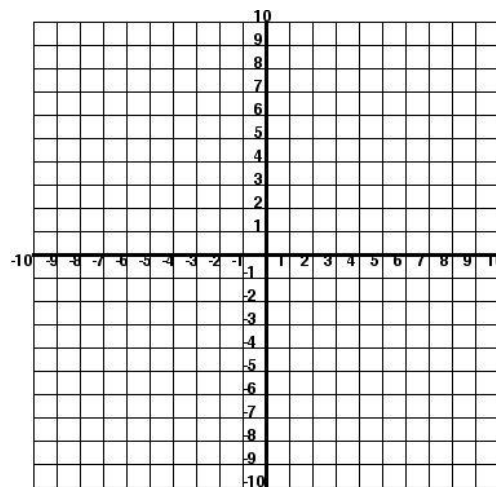
4. $y = 5\left(\frac{1}{2}\right)^x - 8$



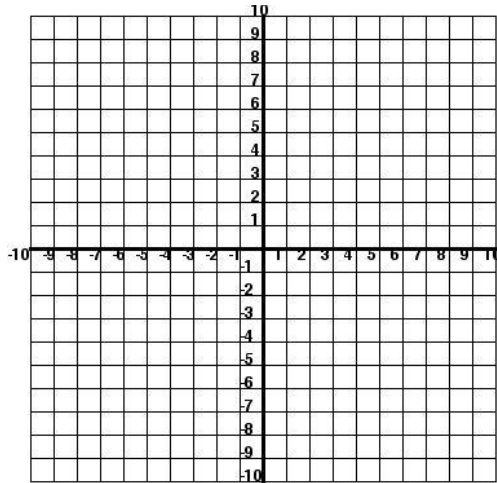
2. $y = 4(3)^x$



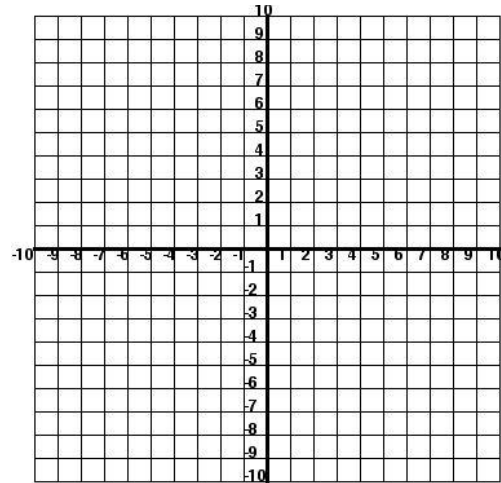
5. $y = -2\left(\frac{1}{4}\right)^{x-3}$



3. $y = 3(0.5)^x$



6. $y = 2^x + 1$



7. **EDUCATION** A college with a graduating class of 4000 students in the year 2008 predicts that its graduating class will grow 5% per year. Write an exponential function to model the number of students y in the graduating class t years after 2008.