

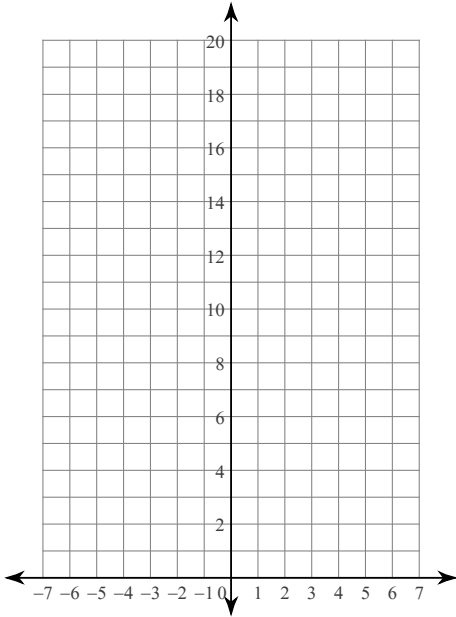
Graphing Exponential Functions

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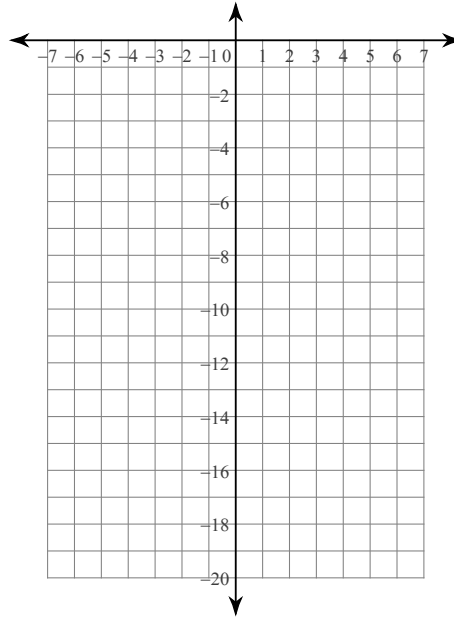
Date _____ Period _____

Sketch the graph of each function.

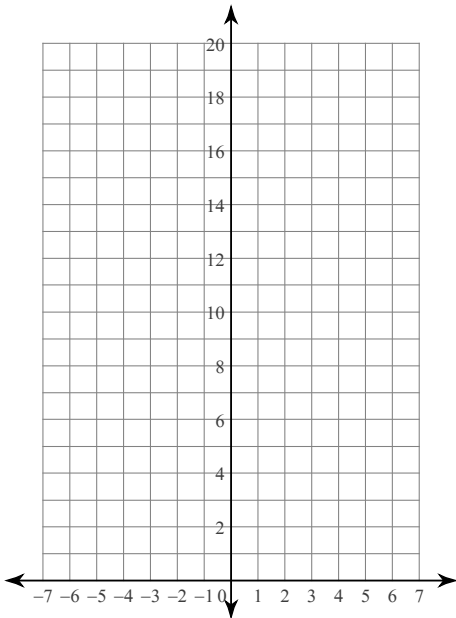
1) $y = \frac{1}{4} \cdot \left(\frac{1}{8}\right)^x$



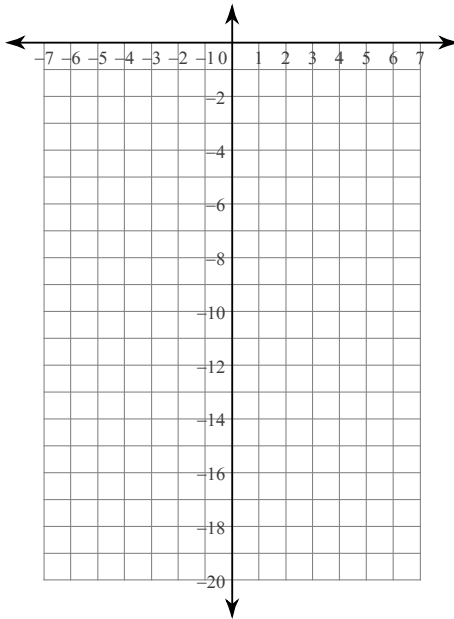
2) $y = -4 \cdot \left(\frac{1}{2}\right)^x$



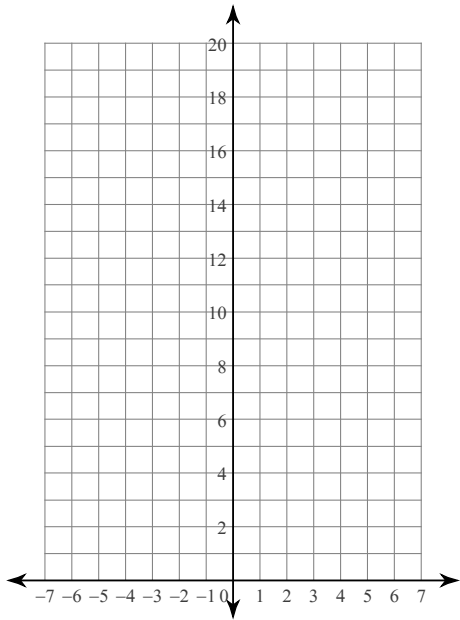
3) $y = \frac{1}{4} \cdot \left(\frac{1}{7}\right)^x$



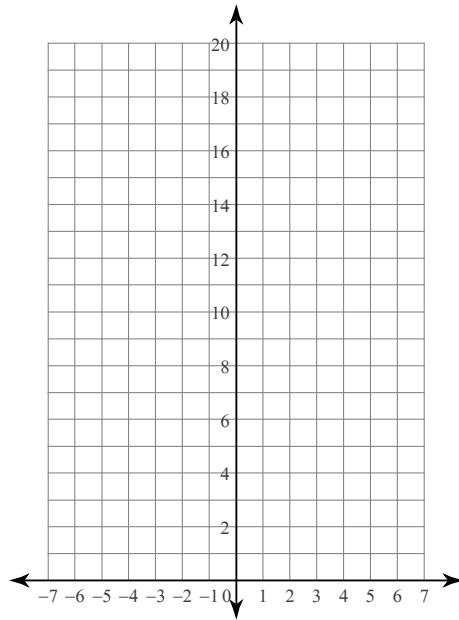
4) $y = -3 \cdot 2^x$



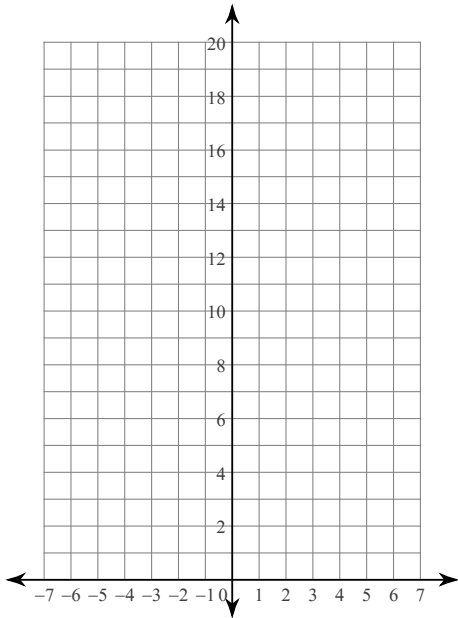
$$5) y = \frac{1}{4} \cdot \left(\frac{1}{5}\right)^x$$



$$6) y = 3 \cdot \left(\frac{1}{2}\right)^x$$



$$7) y = 5 \cdot 2^x$$



$$8) y = 2 \cdot 2^x$$

