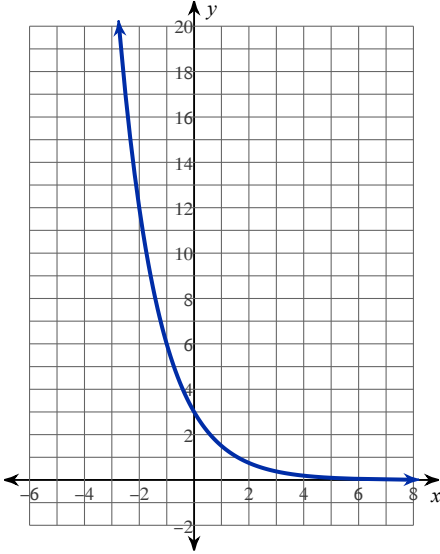


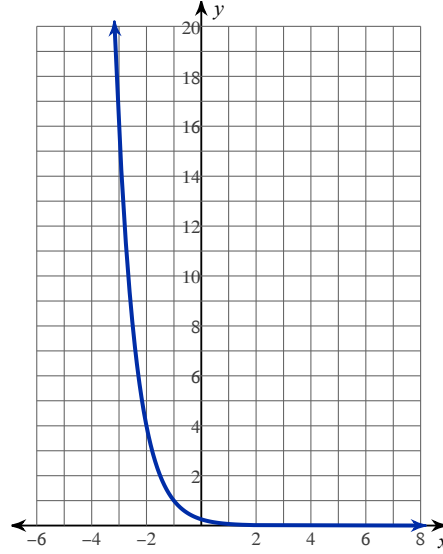
Exponential Depreciation - Practice

For each function, choose 4  $x$ -values to plug in and find  $y$ . Then, use your graph to check your work.

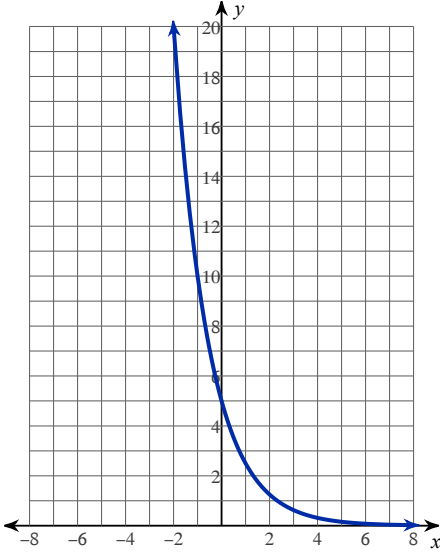
1)  $y = 3 \cdot \left(\frac{1}{2}\right)^x$



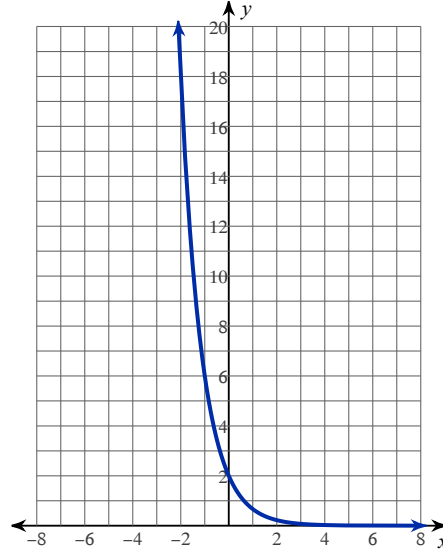
2)  $y = \frac{1}{4} \cdot \left(\frac{1}{4}\right)^x$



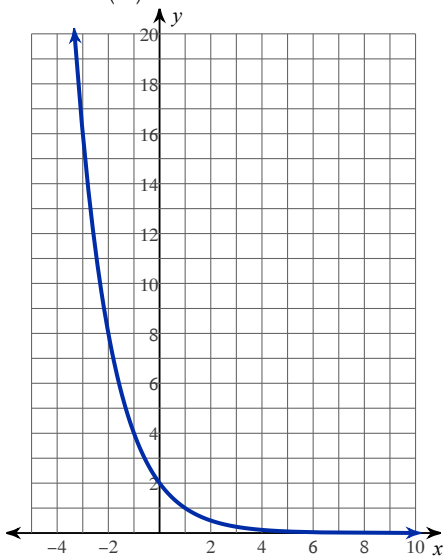
3)  $y = 5 \cdot \left(\frac{1}{2}\right)^x$



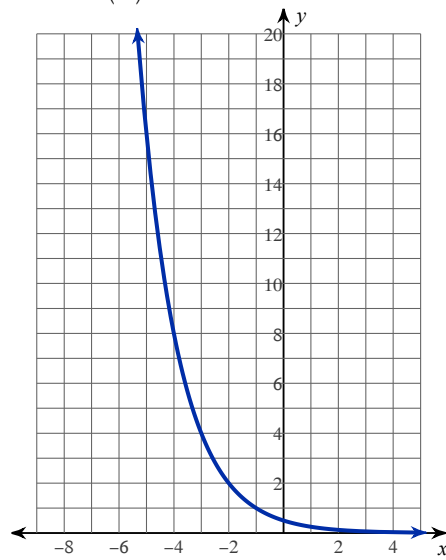
4)  $y = 2 \cdot \left(\frac{1}{3}\right)^x$



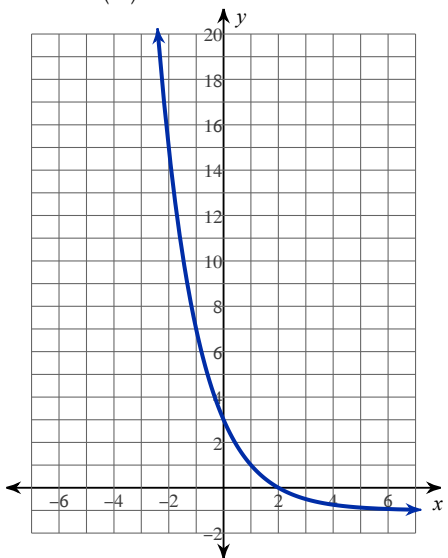
$$5) y = \frac{1}{2} \cdot \left(\frac{1}{2}\right)^{x-2}$$



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



$$7) y = 4 \cdot \left(\frac{1}{2}\right)^x - 1$$



$$8) y = \frac{1}{4} \cdot \left(\frac{1}{2}\right)^x + 2$$

