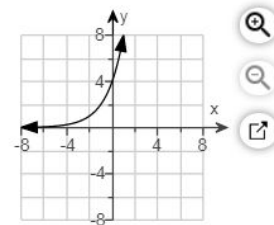


What value of  $a$  completes the equation  $y = a \cdot 2^x$  for the exponential growth function shown?



Describe how the graph of  $g(x) = 6 \cdot 2^{x+1} - 4$  compares to the graph of  $f(x) = 6 \cdot 2^x$ .

The graph of  $g(x)$  is shifted  unit(s)  and  unit(s) to the  of  $f(x)$ .

Identify the domain, range, intercept, and asymptote of the exponential function. Then describe the end behavior.

$$f(x) = 8 \cdot 3^x$$

Identify the domain, range, intercept, and asymptote of the exponential function. Then describe the end behavior.

$$f(x) = 0.39 \left( \frac{3}{4} \right)^x$$

Identify the domain, range, intercept, and asymptote of the exponential function. Then describe the end behavior.

$$f(x) = 2 \left( \frac{1}{5} \right)^x$$