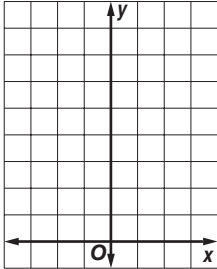


8-1 Skills Practice

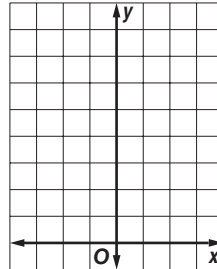
Graphing Exponential Functions

Graph each function. State the function's domain and range.

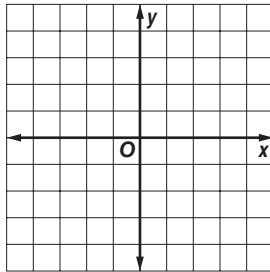
1. $y = 3(2)^x$



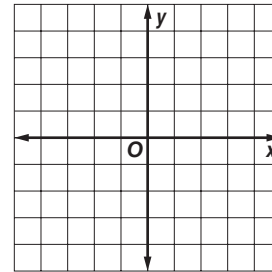
2. $y = 2\left(\frac{1}{2}\right)^x$



3. $y = -\frac{3}{2}(1.5)^x$

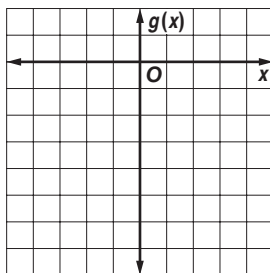


4. $y = 3\left(\frac{1}{3}\right)^x$



For each graph $f(x)$ is the parent function and $g(x)$ is a transformation of $f(x)$. Use the graph to determine $g(x)$.

5. $f(x) = 4^x$



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

