

Exercise 25

For the following exercises, use the graph of $f(x) = 2^x$ shown in Figure 31 to sketch a graph of each transformation of $f(x)$.

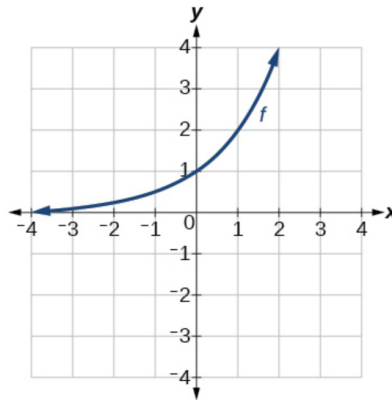


Figure 31

$$h(x) = 2^x - 3$$

Solution

Subtracting 3 from the function shifts the graph down by 3 units.

