

Exercise 13

Make a rough sketch of the graph of the function. Do not use a calculator. Just use the graphs given in Figures 3 and 13 and, if necessary, the transformations of Section 1.3.

$$y = -2^{-x}$$

Solution

The minus sign in front of the 2 reflects the graph of $y = 2^{-x}$ about the x -axis, and the minus sign in front of x reflects the graph of $y = 2^x$ about the y -axis.

