

## Exercise 14

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.

$$y = e^{|x|}$$

### Solution

The absolute value sign mirrors the graph of  $y = e^x$  for  $x > 0$  over the  $y$ -axis and leaves the  $x > 0$  portion unchanged.

