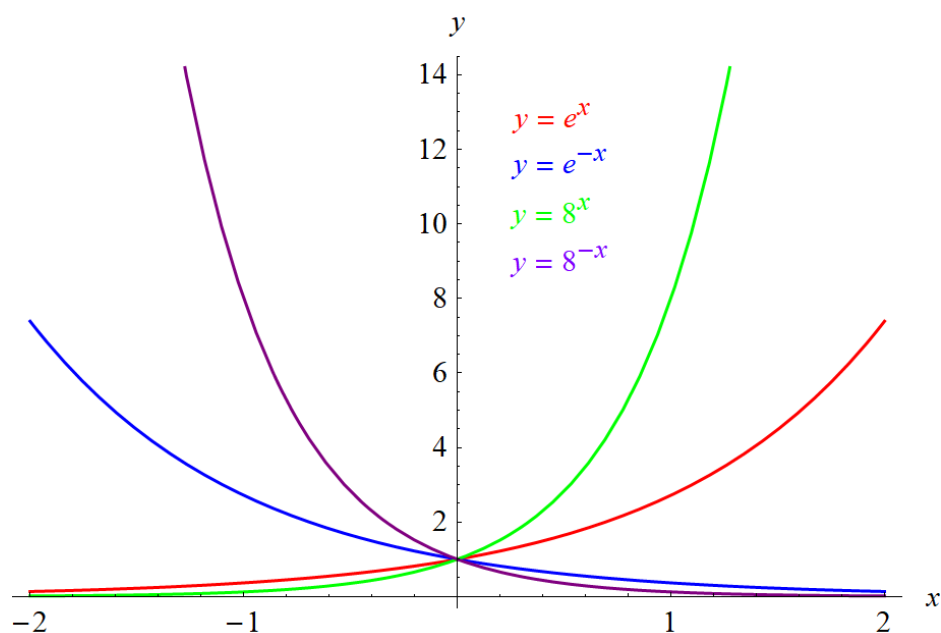


Exercise 8

Graph the given functions on a common screen. How are these graphs related?

$$y = e^x, \quad y = e^{-x}, \quad y = 8^x, \quad y = 8^{-x}$$

Solution



The graph of $y = e^{-x}$ is the reflection of $y = e^x$ about the y-axis. The same is true for $y = 8^{-x}$ and $y = 8^x$.