

## Exercise 48

Graph the functions in Exercises 37–56.

$$y = (x + 2)^{3/2} + 1$$

### Solution

The parent function is  $y = x^{3/2}$ . Replacing  $x$  with  $x + 2$  shifts the graph to the left by 2 units, and adding 1 shifts the graph up by 1 unit.

