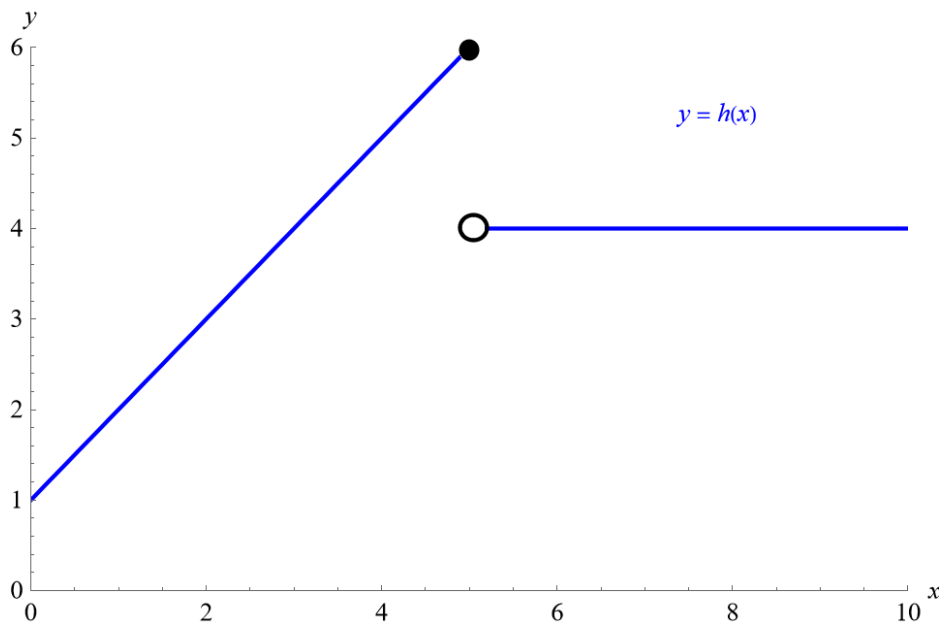## Exercise 96

For the following exercises, for each of the piecewise-defined functions, a. evaluate at the given values of the independent variable and b. sketch the graph.

$$h(x) = \begin{cases} x + 1, & x \le 5 \\ 4, & x > 5 \end{cases} ; \ h(0); \ h(\pi); \ h(5)$$

Solution

$$h(0) = (0) + 1 = 0 + 1 = 1$$

$$h(\pi) = (\pi) + 1 = \pi + 1$$

$$h(5) = (5) + 1 = 5 + 1 = 6$$