Exercise 58

In Exercises 47–62, say whether the function is even, odd, or neither. Give reasons for your answer.

$$h(t) = 2|t| + 1$$

Solution

The function is even because

$$h(-t) = 2|-t| + 1$$
$$= 2|t| + 1$$
$$= h(t).$$

This is reflected in the graph by the symmetry about the y-axis.