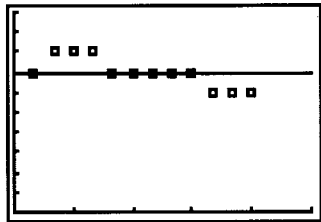


- 3 (a) Since the wind speed is not constant, it cannot be represented exactly by a constant function.
- (b) The average of the twelve wind speeds is 7 miles per hour. It would be reasonable to approximate the wind speed at Myrtle Beach by  $f(x) = 7$ .
- (c) The scatterplot of the data and the function  $f(x) = 7$  are shown in *Figure 3*.

[0, 15, 3] by [0, 10, 1]



*Figure 3*