

$[-5, 5, 1]$ by $[-5, 15, 5]$



Figure 23

- 23** (a) A line graph of the data is shown in *Figure 23*.
- (b) The data decreases and then increases. This could not be a linear function. The data appears to be parabolic and the line graph crosses the x -axis twice. Since all zeros are real and between -3 and 3 , f must be degree 2 with two real zeros.