

SECTION
7A

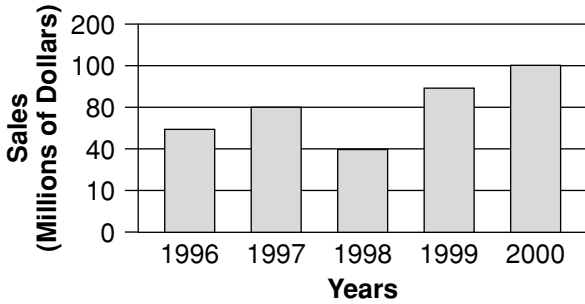
Ready to Go On? Skills Intervention
7-5 Misleading Graphs

Sometimes graphs become distorted, or misleading. You need to read the scales of both axes in order to fully understand the data that is represented.

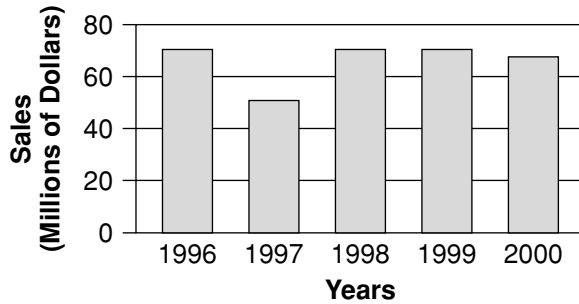
Business Application

Both bar graphs show the sales of two restaurant chains for five consecutive years. Which graph could be misleading? Why?

Graph A
Lilly's



Graph B
McEnroe's



Which graph uses the same size intervals? _____

Which axis has varying intervals for Graph A? _____

Did both restaurants have about the same amount in sales? _____

Which graph appears to be misleading? _____

Analyzing Misleading Graphs

Explain why the graph could be misleading.

Where does the vertical axis scale start? _____

The class average for Period 3 appears to be twice that of Period 4. Is it in fact true? _____

The graph is misleading because:

Class Averages

