Lesson 12-5

Example 1  Misleading Graphs
CELLULAR PHONES  The graphs show the growth in the use of cellular phones.

![Graph A](image1)

![Graph B](image2)

a. Why do the graphs look different?
The vertical scales differ.

b. Which graph appears to show a greater increase in the use of cellular phones?
Graph A; the line graph rises more rapidly.

Example 2  Misleading Bar Graphs
CAR SALES  The graphs show the number of cars sold each year by a particular car dealer.

![Graph A](image1)

![Graph B](image2)

Explain why the graphs look different.
The graphs look different due to the different vertical scales. Graph A appears to show a more rapid decrease in sales than graph B.