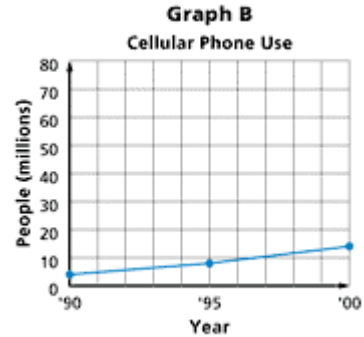
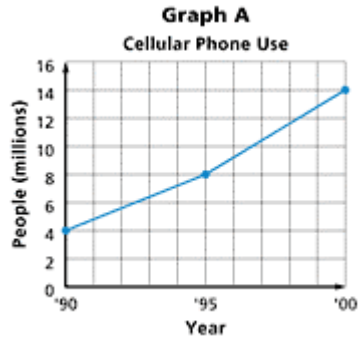


Lesson 12-5

Example 1 Misleading Graphs

CELLULAR PHONES The graphs show the growth in the use of cellular phones.



a. Why do the graphs look different?

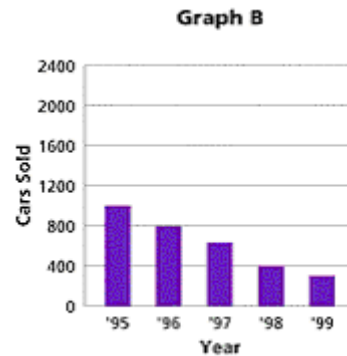
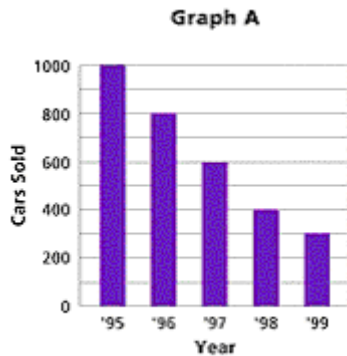
The vertical scales differ.

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.



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.