Name _____

Problem Solving: Reading for Math

Change Scales

P 4-7 PRACTICE

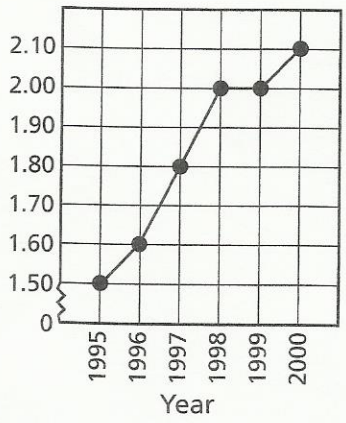
Math Skills Test Prep

Choose the best answer.

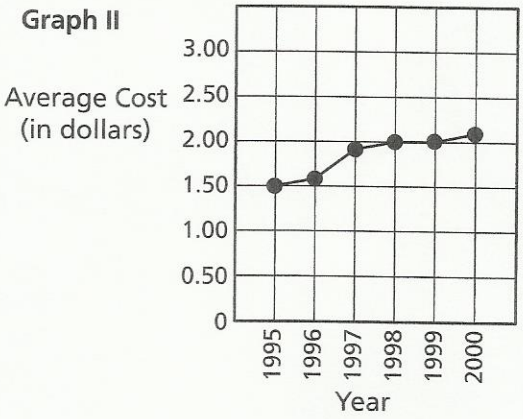
The graphs show the change in the cost of Grandma's Soup from 1995–2000.

Average Cost of a Can of Grandma's Soup

Graph I



Graph II



1. Which of the following statements is NOT true?

- **A** The price of the soup did not change from 1998–1999.
- **B** Soup prices increased from 1995–1998.
- **C** Prices of the soup rose dramatically from 1995–2000.
- **D** The average cost of a can of Grandma's soup in 2000 was $2.10.

2. What should you keep in mind when you interpret a graph with a break in the scale?

- **F** It may be dramatic.
- **G** It may be misleading.
- **H** It may look convincing.
- **J** The scale is not important.

A grocery-store chain records the following sales of canned fruit at each of its four stores for a week. They collect the following data.

Canned Fruit Sales	
Store	**Number of Cans Sold**
A	168
B	212
C	188
D	193

3. Suppose you wanted to graph the data. You want to make the number of cans sold at store B seem much greater than the number sold at all the other stores. What could you do to make a convincing bar graph?

- **A** Use large intervals.
- **B** Do not emphasize the differences.
- **C** Include a break in the scale.
- **D** Use intervals of 50.