

Data Displays

Review 6.2 / Line Graphs and Assessing Displays

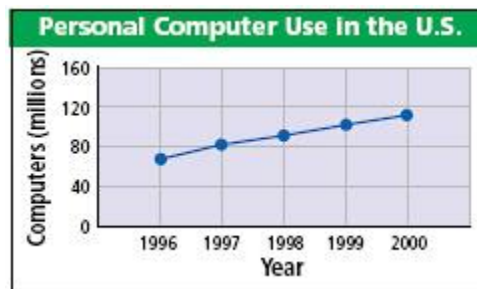
6.2.1 Line Graphs

1. Use the data in the table to make a line graph.

Winning Times in the Iditarod Dog Sled Race							
Year	1995	1996	1997	1998	1999	2000	2001
Time (hr)	219	222	225	222	231	217	236

Use the line graph to answer each question.

2. About how many personal computers were in use in the United States in 1996?
3. When was the number of personal computers in use about 105 million?



4. Use the data in the table to make a double-line graph.

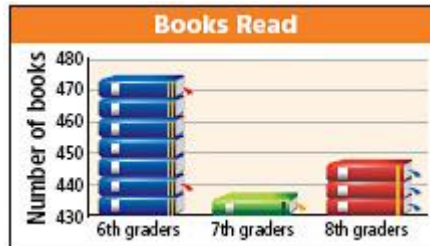
Soccer Team's Total Fund-Raising Sales						
Day	0	1	2	3	4	5
Team A	\$0	\$100	\$225	\$300	\$370	\$450
Team B	\$0	\$50	\$100	\$150	\$200	\$250

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6.2.2 Misleading Graphs

5. Why is this bar graph misleading?



6. What might people believe from the misleading graph?

7. Why is this line graph misleading?



8. What might people believe from the misleading graph?

6.2.3 Choosing an Appropriate Display

9. The table shows the percentages of students who bought a hot lunch from the school cafeteria. Which graph would be more appropriate to show the data—a bar graph or a line graph? Draw the more appropriate graph.

September	30%	November	27%	January	45%
October	28%	December	27%	February	42%