Unit 10 Objective 7 Remediation
Interpreting Bar Graphs

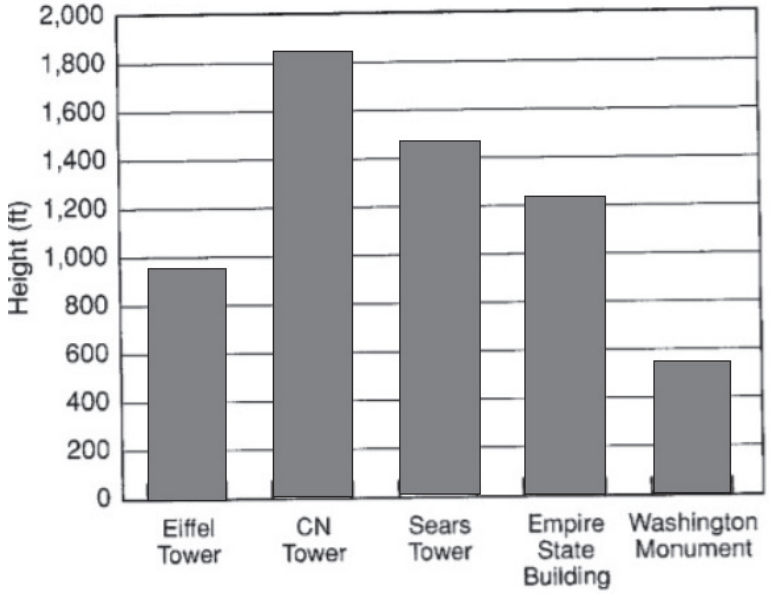
A **bar graph** is a visual display used to compare the amounts or frequency of different characteristics of data. You are able to compare data from the same category.

This type of display allows us to:

- compare groups of data
- make generalizations about the data quickly

Examples

The bar graph below shows the height of some well-known buildings. The height is in feet. Use the bar graph below to answer the questions.



1.) What is the height of the Sears Tower? Answer: 1,450 ft
Find the Sears Tower across the x-axis; find the top of the box; use the scale on the y-axis and estimate the height. It's a little above 1,400 so a good estimate is 1,450 ft.

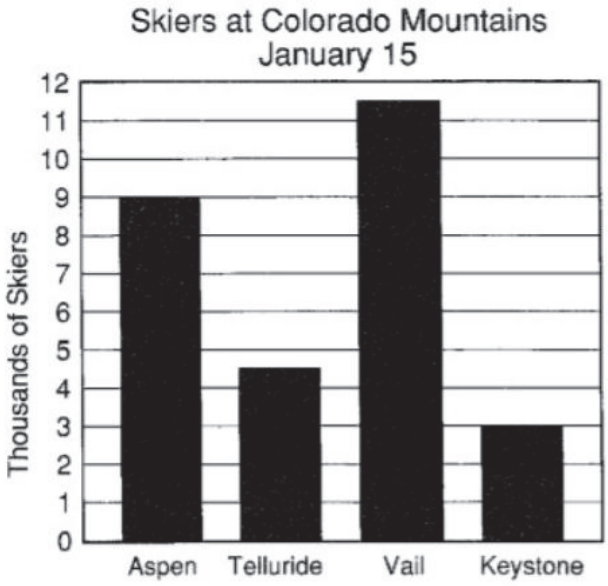
2.) Which building is closest to 1,000 feet? Answer: Eiffel Tower
Find 1,000 ft on the y-axis and go across to see which bar ends closest to 1,000. The Eiffel Tower is the closest to 1,000 even though its just under 1,000.

3.) Which building is taller, the Eiffel Tower or the Empire State Building? Answer: Empire State
Find both the Eiffel Tower and the Empire State Building and see which one has the higher bar. The bar for the Empire State is higher than the Eiffel Tower, so the height of the Empire State Bulidng is higher than the Eiffel Tower.

4.) How much higher is the CN Tower than the Sears Tower? Answer: A little less than 400 ft
Find the height of both the CN Tower and the Sears Tower; subtract the heights to find the difference. This is how much taller the CN Tower is when compared to the Sears Tower.

Practice

The bar graph on the right shows how many skiers went to each ski resort. Use the graph to answer the following questions:



1.) How many skiers were at Aspen?

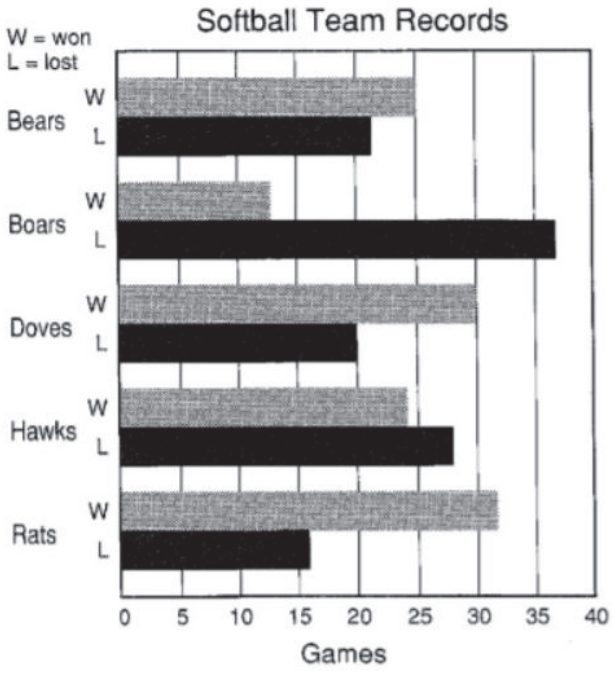
2.) How many skiers were at Telluride?

3.) Which resort had the fewest skiers?

4.) Which resort had 11,500 skiers?

5.) How many more skiers were at Aspen than Keystone?

The graph to the right shows the number of wins And losses for teams in a baseball league. Use The graph to answer the following questions:



6.) How many wins did the Bears have?

7.) How many losses did the Doves have?

8.) Which team had the most wins?

9.) Which team has the most losses?

10.) How many more wins did the Doves have compared to losses?