



Chapter 5 Section A Diagnostic Checkpoint

MULTIPLE CHOICE

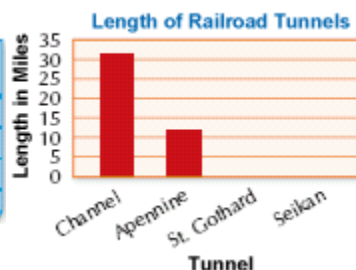
- Which statement is an opinion? (5-1)
 - José scored an 88% on the test.
 - Rock music is the best type of music.
 - Susannah has 3 uncles.
 - The price of the ticket is \$25.
- For the data 54, 43, 51, 24, 31, 23, and 4, how many different stems are there? (5-4)
 - 3
 - 5
 - 7
 - 13

FREE RESPONSE

Use the graph and table at the right. (5-2, 5-5)

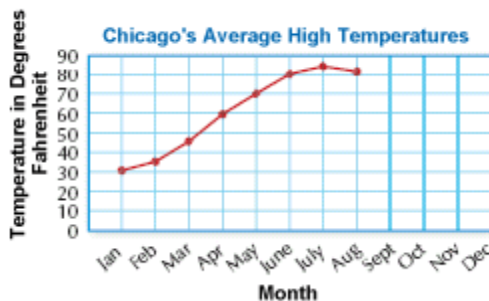
- Copy and complete the bar graph.
- Use the bar graph to copy and complete the table.

Railroad Tunnel	Length in Miles
Channel	
Apennine	
St. Gothard	9.3
Seikan	33.5



Use the line graph at the right. (5-3, 5-5)

- Lorna's family is planning a trip to Chicago. The line graph shows the average high temperatures in degrees Fahrenheit. Copy and complete the graph using the following data:
September, 76°F October, 65°F
November, 50°F December, 36°F
- During which month should Lorna's family visit Chicago, if they want to have the warmest weather possible?
- The number of students in the 5th grade and 6th grade homerooms are 21, 30, 15, 33, 40, 26, 27, 35, 34, 28, and 19. Arrange the data in a stem-and-leaf plot. (5-4)
- How many of the homerooms have over 25 students? (5-4)



Writing in Math

- Give an example of when you would use a double bar graph. (5-2, 5-5)
- Write a survey question that requires a fact. (5-1)