

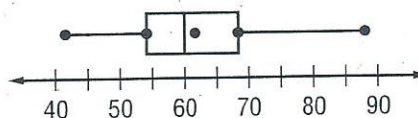
9-6

Word Problem Practice

Box-and-Whisker Plots

U.S. SENATE For Exercises 1–4, use the box-and-whisker plot at the right.

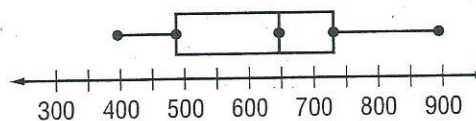
Ages of U.S. Senators, 2005



<p>1. Explain how to determine from the box-and-whisker plot whether there are any outliers in the data. Then identify any outliers.</p>	<p>2. Describe the distribution of the data. What can you say about the ages of U.S. senators?</p>
<p>3. What percent of U.S. senators are at least 54 years old? Explain how you found your answer.</p>	<p>4. Can you determine from the box-and-whisker plot whether there are any U.S. Senators exactly 65 years old? Explain.</p>

HOCKEY For Exercises 5 and 6, use the box-and-whisker plot at the right.

Goals Made by the Top 10 All-Time NHL Scorers



<p>5. Identify any outliers in the data.</p>	<p>6. Describe the distribution of the data. What can you say about the number of goals made by the top 10 all-time leading NHL scorers?</p>
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