**Collect and Organize Data**

Brian conducted a survey of his classmates’ favorite sports. The table at the right shows the results of his survey. Each person picked one favorite sport.

Use the tally chart for problems 1–4.

1. How many classmates answered the question?

2. What is the most popular sport? What is the least popular sport?

**Write true or false for each statement.**

3. More people surveyed liked hockey than soccer.

4. More than a quarter of the people surveyed chose soccer.

Use the list below to make a tally chart. Then use your tally chart for problems 5–6.

<table>
<thead>
<tr>
<th>Student</th>
<th>Jen</th>
<th>Joe</th>
<th>Jill</th>
<th>Josh</th>
<th>Jason</th>
<th>Jeff</th>
<th>Jules</th>
<th>Jim</th>
<th>John</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answer</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Maybe</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Maybe</td>
<td>Yes</td>
</tr>
</tbody>
</table>

5. What are the possible answers on your tally chart?

6. Which answer was given the most?

**Test Prep**

7. Which set of tally marks correctly represents the number 8?
   - A
   - B
   - C
   - D

8. Suppose Leslie wanted to find out which sport is most popular at her school. Would it make sense for her to survey only the members of the football team? Why or why not?