1. Select the measures that are equal. Mark all that apply.
   A. 6 feet
   B. 600 inches
   C. 15 yards
   D. 12 feet
   E. 45 feet
   F. 540 inches

2. Jackie made 6 quarts of lemonade. Jackie says she made 3 pints of lemonade. Explain Jackie's error. Then find the correct number of pints of lemonade.
   Possible explanation: Jackie divided the number of quarts by 2. There are 2 pints in each quart. She should have multiplied the number of quarts by 2; 6 × 2 = 12, so Jackie made 12 pints of lemonade.

3. Sabita made this table to relate two customary units of liquid volume.
   **Part A**
   List the number pairs for the table. Then describe the relationship between the numbers in each pair.

<table>
<thead>
<tr>
<th>Pints</th>
<th>Cups</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

   1 and 2, 2 and 4, 3 and 6, 4 and 8, 5 and 10; Possible description: The second number in each pair is two times as great as the first number in each pair.

   **Part B**
   Label the columns of the table. Explain your answer.

   Possible labels are given; Possible explanation: Pints and cups are both customary units of liquid volume. The table shows a pattern for the relationship between pints and cups since 1 pint is two times as much as 1 cup.

4. Draw lines to match equivalent time intervals. Items may be matched more than once or not at all.
   - 1 hour
   - 2 hours
   - 3 hours
   - 8 hours
   - 72 hours
   - 3 days
   - 180 minutes
   - 1,800 seconds
   - 480 minutes
   - 60 minutes

5. Mrs. DeMarco wants to estimate the height of her garage door. Select the best benchmark for her to use.
   A. the width of a paperclip
   B. the length of a baseball bat
   C. the height of a license plate
   D. the distance she can walk in 20 minutes

6. Lauren bought two items to make dinner. She says the difference in mass between the items she bought is 4,000 grams. Which two items did Lauren buy?
   A. turkey: 6 kilograms
   B. crate of apples: 8 kilograms
   C. bag of ears of corn: 3 kilograms
   D. bag of sweet potatoes: 2 kilograms
   E. bag of stuffing: 1 kilogram

7. Write the equivalent measurements in each column.
   - 2,000 millimeters
   - 200 centimeters
   - 20 centimeters
   - 0.25 meter
   - 0.200 meter
   - 0.100 meter
   - 0.025 meter
   - 0.0025 meter
   - 0.00025 meter
   - 2 meters
   - 25 centimeters
   - 250 millimeters
   - 200 decimeters
   - 0.25 meter
   - 0.250 meter
   - 0.2500 meter
   - 1,000 meters
   - 200 decimeters
   - 20 decimeters