Converting Customary Units of Length

Convert each unit.

1. \(12 \text{ yd} = \underline{_______} \text{ in.}\)
2. \(30 \text{ ft} = \underline{_______} \text{ yd}\)
3. \(75 \text{ ft} = \underline{_______} \text{ in.}\)
4. \(10 \text{ ft} 7 \text{ in.} = \underline{_______} \text{ in.}\)
5. \(6 \text{ mi} = \underline{_______} \text{ ft}\)
6. \(2 \text{ mi} = \underline{_______} \text{ yd}\)

Write \(>\), \(=\), or \(<\) for each \(\bigcirc\).

7. \(64 \text{ in.} \bigcirc 5 \text{ ft}\)
8. \(2 \text{ mi} \bigcirc 3,333 \text{ yd}\)
9. \(36 \text{ yd} 2 \text{ ft} \bigcirc 114 \text{ ft} 2 \text{ in.}\)

The Statue of Liberty was a gift to the United States from the people of France. Some of the dimensions of the statue are shown here.

<table>
<thead>
<tr>
<th>Measurements of the Statue of Liberty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height from base of statue to the torch</td>
</tr>
<tr>
<td>Length of hand</td>
</tr>
<tr>
<td>Length of index finger</td>
</tr>
<tr>
<td>Length of nose</td>
</tr>
<tr>
<td>Thickness of right arm</td>
</tr>
</tbody>
</table>

10. What is the height, from the base of the statue to the torch, in inches? \(_______________________\)

11. What is the thickness of the statue's right arm in yards? \(_______________________\)

12. Which measure is less than 435 inches?
   A  \(37 \text{ ft}\)   B  \(36 \text{ ft} 10 \text{ in.}\)   C  \(12 \text{ yd} 3 \text{ in.}\)   D  \(12 \text{ ft} 3 \text{ in.}\)

13. Explain how you can find the number of feet in 40 yards.