

Name : \_\_\_\_\_

# U.S. Customary Unit Conversion

Inches and Yards: S1

Convert between yards (yd) and inches (in).

1) 5 yd = _____ in	2) 108 in = _____ yd
3) 54 in = _____ yd	4) $10\frac{1}{2}$ yd = _____ in
5) 14 yd = _____ in	6) 450 in = _____ yd

Compare the measures of length and fill in the box with appropriate symbol  $<$ ,  $>$  or  $=$  in each problem.

7) 6 yd <input type="checkbox"/> 270 in	8) 468 in <input type="checkbox"/> 13 yd
9) $23\frac{1}{2}$ yd <input type="checkbox"/> 972 in	10) 792 in <input type="checkbox"/> 25 yd
11) 774 in <input type="checkbox"/> 20 yd	12) 18 yd <input type="checkbox"/> 612 in
13) 396 in <input type="checkbox"/> 11 yd	14) $25\frac{1}{2}$ yd <input type="checkbox"/> 918 in

Complete the unit conversion table.

15)

yards	2			8	9	
inches		144	252			540

Name : \_\_\_\_\_

**Answer key****U.S. Customary Unit Conversion**

Inches and Yards: S1

Convert between yards (yd) and inches (in).

1) 5 yd = <u>180</u> in	2) 108 in = <u>3</u> yd
3) 54 in = <u>1½</u> yd	4) 10½ yd = <u>378</u> in
5) 14 yd = <u>504</u> in	6) 450 in = <u>12½</u> yd

Compare the measures of length and fill in the box with appropriate symbol &lt;, &gt; or = in each problem.

7) 6 yd <input type="text" value="&lt;"/> 270 in	8) 468 in <input type="text" value="="/> 13 yd
9) 23½ yd <input type="text" value="&lt;"/> 972 in	10) 792 in <input type="text" value="&lt;"/> 25 yd
11) 774 in <input type="text" value="&gt;"/> 20 yd	12) 18 yd <input type="text" value="&gt;"/> 612 in
13) 396 in <input type="text" value="="/> 11 yd	14) 25½ yd <input type="text" value="="/> 918 in

Complete the unit conversion table.

15)

yards	2	<b>4</b>	<b>7</b>	8	9	<b>15</b>
inches	<b>72</b>	144	252	<b>288</b>	<b>324</b>	540