

Name : _____

U.S. Customary Unit Conversion

Inches and Feet: S1

Convert between inches (in) and feet (ft).

1) 23 ft = _____ in	2) 546 in = _____ ft
3) 216 in = _____ ft	4) 34 ft = _____ in
5) $57\frac{1}{2}$ ft = _____ in	6) 516 in = _____ ft

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

7) 83 ft <input type="text"/> 786 in	8) 120 in <input type="text"/> 65 ft
9) 336 in <input type="text"/> 18 ft	10) 49 ft <input type="text"/> 588 in
11) 17 ft <input type="text"/> 804 in	12) 108 in <input type="text"/> 7 ft
13) 456 in <input type="text"/> 38 ft	14) 52 ft <input type="text"/> 912 in

Complete the unit conversion table.

15)

inches	192			816		972
feet		33	52		75	

Name : _____

Answer key

Inches and Feet: S1

U.S. Customary Unit Conversion

Convert between inches (in) and feet (ft).

1) 23 ft = <u>276</u> in	2) 546 in = <u>$45\frac{1}{2}$</u> ft
3) 216 in = <u>18</u> ft	4) 34 ft = <u>408</u> in
5) $57\frac{1}{2}$ ft = <u>690</u> in	6) 516 in = <u>43</u> ft

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

7) 83 ft <input type="text" value=">"/> 786 in	8) 120 in <input type="text" value="<"/> 65 ft
9) 336 in <input type="text" value=">"/> 18 ft	10) 49 ft <input type="text" value="="/> 588 in
11) 17 ft <input type="text" value="<"/> 804 in	12) 108 in <input type="text" value=">"/> 7 ft
13) 456 in <input type="text" value="="/> 38 ft	14) 52 ft <input type="text" value="<"/> 912 in

Complete the unit conversion table.

15)

inches	192	396	624	816	900	972
feet	16	33	52	68	75	81