

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

# U.S. Customary Unit Conversion

Inches and Feet: DS1

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

1) 1,082.4 in = \_\_\_\_\_ ft      2) 29.5 ft = \_\_\_\_\_ in

3) 16.1 ft = \_\_\_\_\_ in      4) 6 in = \_\_\_\_\_ ft

5) 40.8 ft = \_\_\_\_\_ in      6) 27.6 in = \_\_\_\_\_ ft

B) Complete the unit conversion table.

feet	
inches	19.2

	72.9
765.6	

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C) Compare using the <math>< ></math> symbol.

1) 3.6 ft  11.8 ft

3) 80.4 in  22.6 ft

5) 39.8 ft  714 in

7) 11.1 in  0.9 ft      8) 961 in  80.2 ft

D) A piece of rope is 85.2 inches long. How long does it measure in feet?

\_\_\_\_\_

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

## Answer key

# U.S. Customary Unit Conversion

Inches and Feet: DS1

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

1) 1,082.4 in = 90.2 ft

2) 29.5 ft = 354 in

3) 16.1 ft = 193.2 in

4) 6 in = 0.5 ft

5) 40.8 ft = 489.6 in

6) 27.6 in = 2.3 ft

B) Complete the unit conversion table.

feet	<b>1.6</b>
inches	19.2

<b>63.8</b>	72.9
765.6	<b>874.8</b>

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C) Compare using the correct symbol.

1) 3.6 ft

11.8 ft

3) 80.4 in

22.6 ft

5) 39.8 ft

714 in

7) 11.1 in

0.9 ft

8) 961 in

80.2 ft

D) A piece of rope is 85.2 inches long. How long does it measure in feet?

**7.1 feet**