

## Prealgebra ~ Lesson 39

Work the following examples as you listen to the recorded lecture.

### Linear Measurement

#### Measurements

- 1 foot = 12 inches
- 1 yard = 3 feet
- 1 mile = 5280 feet
- 1 mile = 1760 yards

Convert the following measurements:

Example 1: 84 inches to feet

Example 2: 12 yards to feet

Example 3: 1.2 miles to feet

Example 4:  $8\frac{1}{2}$  feet to inches

#### Metric

**King Henry Doesn't Usually Drink Chocolate Milk**

Example 5: 46 m to \_\_\_\_\_ centimeters

<b>K</b>	<b>H</b>	<b>D</b>	<b>U</b>	<b>D</b>	<b>C</b>	<b>M</b>
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Example 6: 6400 mm to \_\_\_\_\_ meters

<b>K</b>	<b>H</b>	<b>D</b>	<b>U</b>	<b>D</b>	<b>C</b>	<b>M</b>
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Example 7: 0.95 km to \_\_\_\_\_ centimeters

<b>K</b>	<b>H</b>	<b>D</b>	<b>U</b>	<b>D</b>	<b>C</b>	<b>M</b>
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Example 8: 1700 mm to \_\_\_\_\_ meters

<b>K</b>	<b>H</b>	<b>D</b>	<b>U</b>	<b>D</b>	<b>C</b>	<b>M</b>
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