

Homework Problems: Making Unit Conversions

Make the following conversions:

- 1) Convert 16.7 inches to feet

- 2) Convert 25 yards to feet (there are 3 feet in a yard)

- 3) Convert 90 centuries to years

- 4) Convert 84 miles to kilometers (there are 0.6 miles in a kilometer)

- 5) Convert 4.75 centimeters to meters

- 6) Convert 48,987 minutes to days

- 7) Convert 27 months to fortnights (there are 14 days in a fortnight and ~30 days in a month)
- 8) Convert 0.09 miles to inches (there are 36 inches in a yard and 1760 yards in a mile)
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- 9) Convert 4.66 centimeters to miles (there are 0.6 miles in a kilometer)
- 10) Convert 556 degrees Celsius to Kelvins
- 11) Convert 25 Kelvins to degrees Celsius