

20070924_1801

Name _____

PI Conversions

Given: 1 hour = 60 minutes, 1 minute = 60 seconds,
1 inch = 2.54 centimeters, 1 acre = 43,560 square feet,
1 gallon = 231 cubic inches, 1 foot = 12 inches, 1 kilogram
= 2.204 pounds (on Earth), 1 mile = 5280 feet, 1 yard = 3 feet,
1 bushel (US) = 2150.42 cubic inches.

Circle final answer, use correct scientific notation

1) Convert 88.00 feet into millimeters

2) A cube measures 4.00000 feet on each side.
Determine its volume in cubic meters.

3) A box is 1.30000 meters long, 1.5 meters wide, and
2.4125 feet tall. Find the volume in bushels.

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P2

4) Convert 60.00 meters per second into miles per hour.

5) Convert 400.00 kilograms into pounds.

6) How many cubic meters of a liquid can be stored in a 55.00 gallon drum if the height of the drum is 4.07125 feet?

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7) Convert one month (October) into seconds.

8) Convert 400.0 pounds into kilograms

9) Convert 1.000 feet/second into miles per day.

10) Convert 100.0 yards into kilometers: