

Chemistry ch 10**Worksheet 10.B English unit conversion**

Use the information on the other side of this sheet to perform each of the conversions indicated. Show your work by multiplying the appropriate labeled factors. Be sure to show the unit cancellation.

1. 28.92 Bolts = ? Furlongs

2. 1034 Gills = ? Firkins

3. 27.00 Hands = ? Bolts

4. 1000.2 Drams = ? Grains

5. 112 Rods = ? Hands

6. 27.8 Firkins = ? Hogsheads

7. 598 Fathoms = ? Furlongs

8. 27 Barrels = ? Hogsheads

9. 1.09 leagues = ? Furlongs

10. 87.0 Chaldrons = ? Pecks

11. 999 Drams = ? Pounds

12. 1.0 miles = ? Furlongs

Dimensional Analysis

1 Firkin = 9 Gallons

1 Grain = 0.065 grams

1 Dram = .125 ounces

1 Rod = 16.5 Feet

1 Bolt = 120 Feet

1 Furlong = 40 Rods

1 Hogshead = 63 Gallons

1 Peck = 8 Quarts

1 Quarter = 500 Pounds

1 Fathom = 6 Feet

1 Hand = 4 Inches

1 Gill = 4 ounces

3 Feet = 1 Yard

5280 Feet = 1 Mile

16 Ounce = 1 Pound

2 Pints = 1 Quart

1 Gallon = 4 Quarts

1 Ton = 2000 Pounds

1 Bushel = 4 Pecks

1 Barrel = 42 Gallons

1 Chaldron = 36 Bushels

1 League = 4.828 Km

2 Pt = 1 Qt

16 oz = 1 Pt

8 oz = 1 cup

2 cups = 1 Pt

2.54 cm = 1 inch

1 ml = 1 cm³

454 grams = 1 Pound

2.2 pounds = 1 Kg