Cubic Yards Concrete Required = \frac{\text{Thickness (inches) \times Area (sq.ft.)}}{324}

Board Feet Lumber = \frac{\text{Thickness (in.) \times Width (in.) \times Length (in.)}}{144}

or

\frac{\text{Thickness (in.) \times Width (in.) \times Length (ft.)}}{12}

\textbf{NOTE:} Thickness and width are nominal dimensions; Length is actual dimension.

\text{Cord of Wood} = 4' \times 4' \times 8' = 128 \text{ cubic feet}

\text{1 square of roofing} = 100 \text{ square feet} \quad \text{(example 10' \times 10')}

1050 \text{ Btu of heat will evaporate one pound of water.}

8750 \text{ Btu of heat will evaporate one gallon of water.}

As an approximation:

1.1 \text{ Btu/hr. raises 1 cfm of air 1°F.}

1 \text{ cubic foot of air at standard conditions weighs about 1/13 lb. or about 1.23 ounces.}