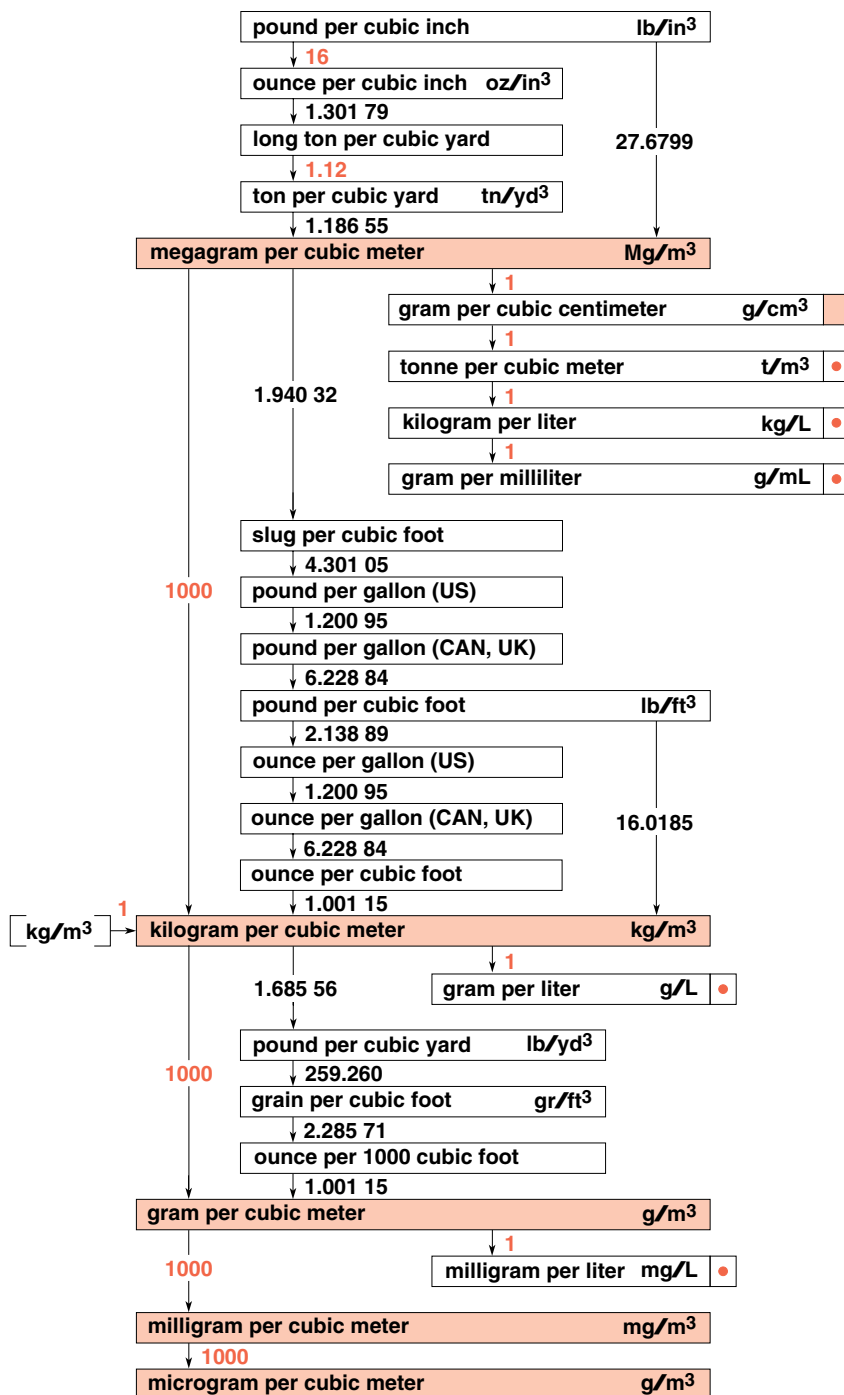


# VISUALIZING SI UNITS

DENSITY (mass per unit volume) ( $\rho$ )



**Example:** Convert 60 pounds per cubic foot to tons per cubic yard  
**Solution:**  $60 \text{ lb/ft}^3 = 60 (\times 16.0185) (\div 1000) (\div 1.18655) = 0.81 \text{ tn/yd}^3$