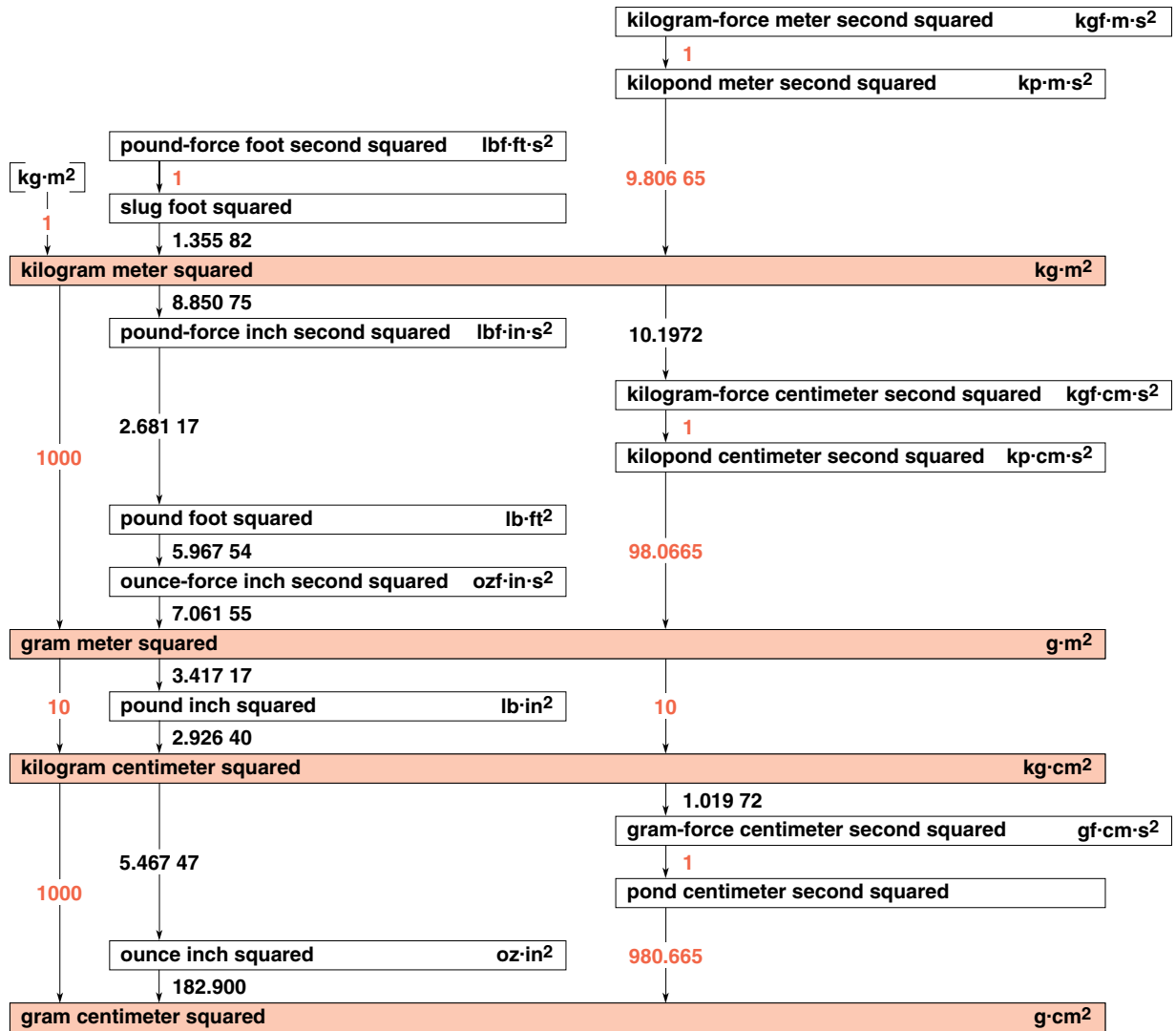


VISUALIZING SI UNITS

MOMENT OF INERTIA (I, J)



Example: Convert 80 pound-foot squared into kilogram meter squared

Solution: $80 \text{ lb}\cdot\text{ft}^2 = 80 (\times 5.967 54) (\times 7.061 55) (\div 1000) \text{ kg}\cdot\text{m}^2 = 3.371 21 \text{ kg}\cdot\text{m}^2$