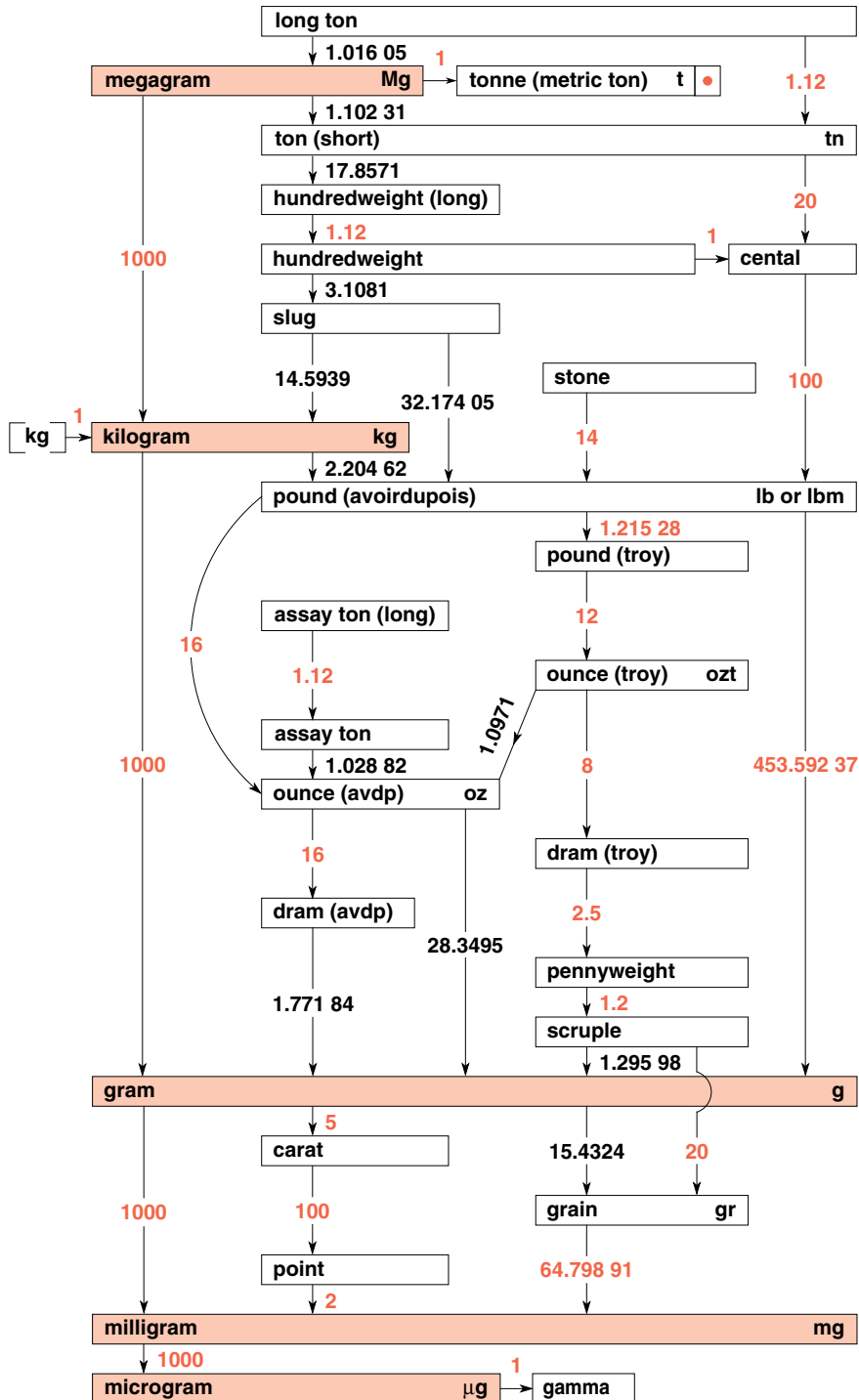


VISUALIZING SI UNITS

MASS (*m*)



Example: Convert 2 kilograms to troy ounces **exactly**

Solution: For exact conversions we follow the arrows bearing red numbers. Thus:

$$2 \text{ kg} = 2 (\times 1000) (\times 1000) (\div 64.798 91) (\div 20) (\div 1.2) (\div 2.5) (\div 8) \text{ ozt} = 64.301 49 \dots \text{ ozt}$$