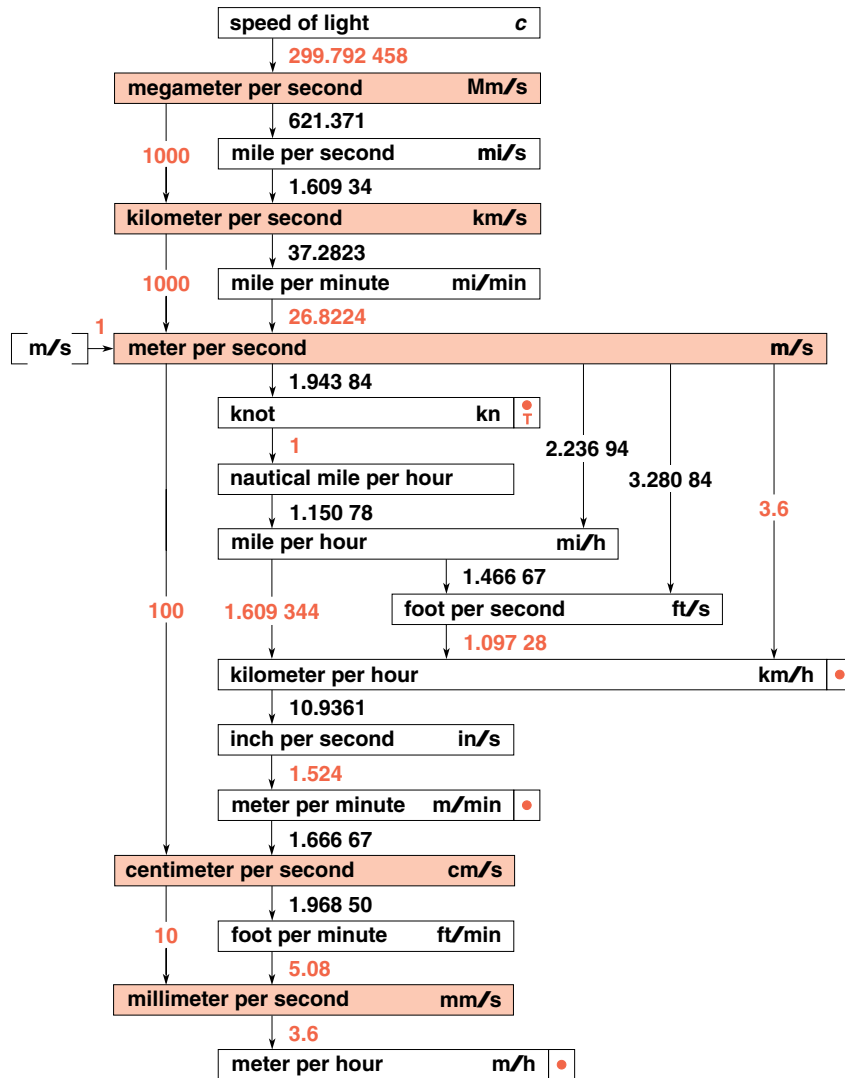


VISUALIZING SI UNITS

SPEED (u, v)



Example: Convert 75 meters per second into miles per hour

Solution: $75 \text{ m/s} = 75 (\times 2.236 94) \text{ mi/h} = 167.77 \text{ mi/h}$