

DMS to Decimals

- 1) Take minutes $\div 60$
- 2) Take seconds, $\div 3600$
- 3) Write as Decimal

Decimals to DMS

- 1) Whole degrees stay
- 2) Decimal $\times 60 =$ Minutes
- 3) If Minutes are not whole,
take Decimal $\times 60 =$ Secs.

EX: 30.46

$$\begin{array}{r} \downarrow \\ 30^{\circ} 27.6' \end{array}$$

$$\begin{array}{r} \downarrow \\ .46 \times 60 \\ \downarrow \end{array}$$

$$30.27' 36''$$

$$.6 \times 60$$