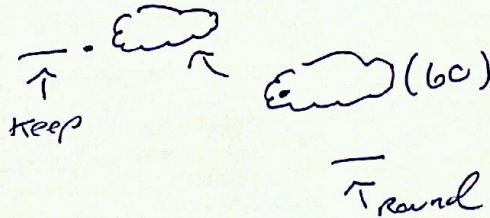


$$16^{\circ} + \frac{13'}{60} + \frac{18''}{3600}$$

$$4.1358^{\circ} \quad 4^{\circ} \cdot 1358(60)$$



$$\frac{\pi}{180}$$

$$\left(\frac{\pi}{180} \right) \cdot \text{Radian} = \text{degree}$$

$$\frac{180}{\pi}$$

$$\left(\frac{180}{\pi} \right) \cdot \text{degree} = \text{Radian}$$

$$\frac{5\pi}{3} \left(\frac{180}{\pi} \right) = \text{degree}$$

$$175^{\circ} \left(\frac{\pi}{180} \right) = \left(\frac{175}{180} \pi \right)$$

unit circle \rightarrow coordinates
 degree
 radian

$$S = r \theta$$

\uparrow radius \uparrow radian angle

$$A = \frac{1}{2} r^2 \theta$$