

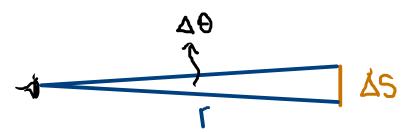
$$\frac{R}{D}$$

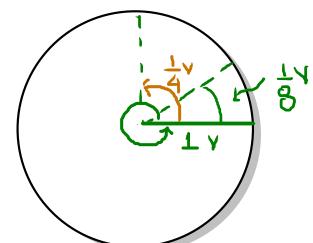
$$R = \frac{D_{x}L}{S}$$

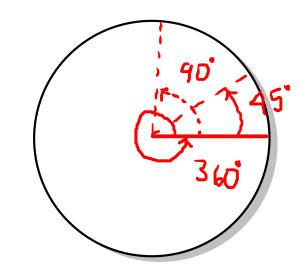
$$R = \frac{400 \, \text{km} \cdot 100 \, \text{mt}}{6,2 \, \text{mt}}$$

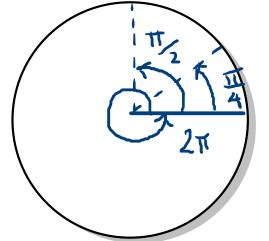
$$R \approx 6.400 \, \text{km}$$

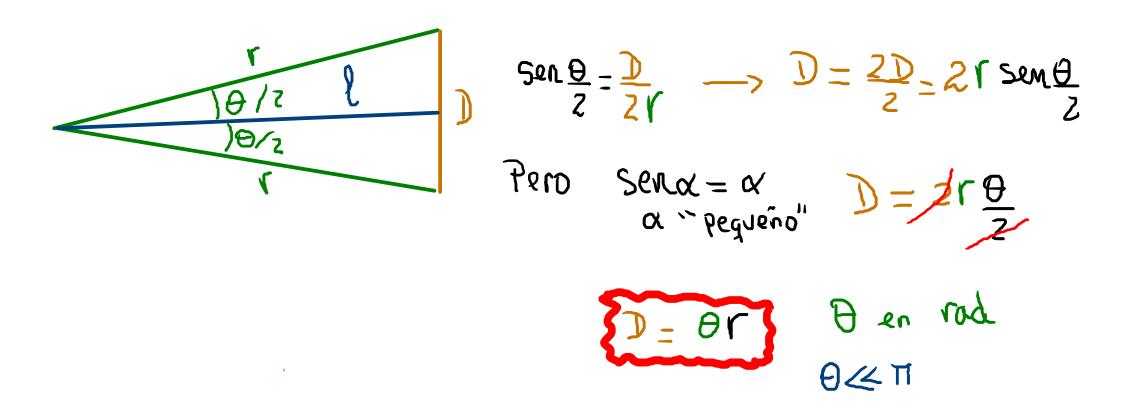
MEDICIÓN DE ÁNGULOS





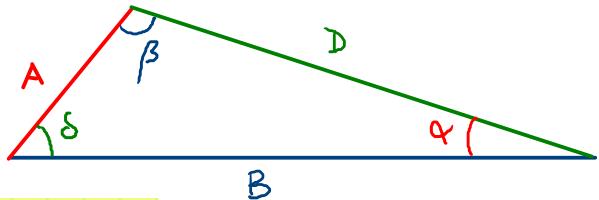




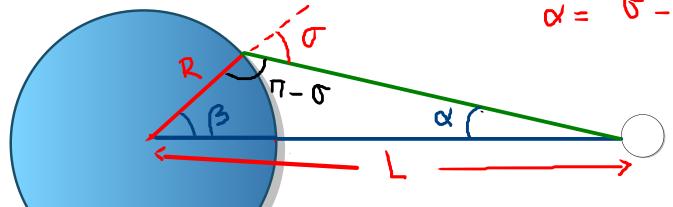


Experimento: determine el ángulo que la Luna hace respecto de tu ojo produciendo un "eclipse" de Luna con un disco de diámetro conocido. Calcúlelo en radianes y conviértalos en grados.

TEOREMA DEL SENO



$$\alpha + \beta + (\pi - \sigma) = \pi$$



$$L = \frac{\text{Sen}(TI - G)}{\text{Sen}(G - B)}$$

$$L = \frac{\text{sen}(\pi - \sigma)}{\text{sen}(\sigma - \beta)}R \implies L = \frac{\text{sen}(\sigma - \beta)}{\text{sen}(\sigma - \beta)}R$$

$$L = \frac{60R_{\tau}}{100} = \frac{60 \times 6.400 \times 100}{100} \times 100$$

$$L = 38.400 \times 100$$

3.) Distancia al sol

$$\frac{\cos \alpha = \frac{59 \, \text{R}}{L_{T0}}}{\cos \alpha} = \frac{59 \, \text{R}}{\cos \alpha} = \frac{59 \, \text{R}}{\cos \alpha} = \frac{150 \, \text{l}}{\cos \alpha} \times \text{m}$$

$$\frac{100 \, \text{R}}{\cos \alpha} = \frac{59 \, \text{R}}{\cos \alpha} = \frac{150 \, \text{l}}{\cos \alpha} \times \text{m}$$

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