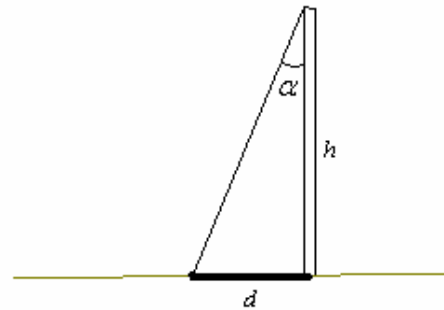
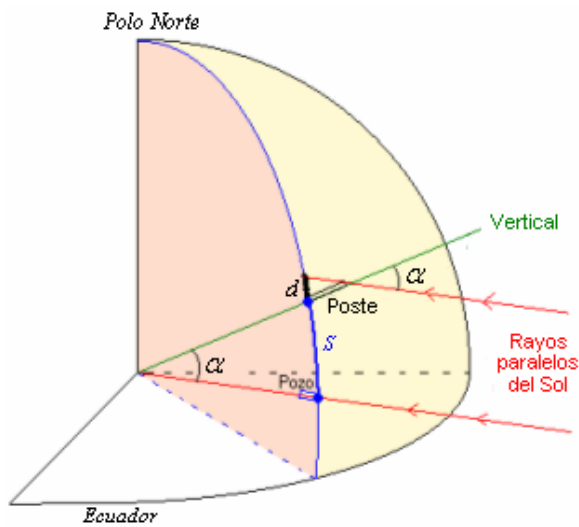


# TEMA 1.- INTRODUCCIÓN A LA GEODESIA

## EJERCICIO 1.1



$$d = 3,53 \text{ m}; h = 20\text{m}; S = 10.000 \text{ km}$$

$$\tan \alpha = \frac{d}{h} = \frac{3,53 \text{ m}}{20 \text{ m}} \Rightarrow \alpha = 10^{\circ},00961407$$

$$p = \frac{360}{\alpha} S = \frac{360}{10^{\circ},00961407} 10.000 \text{ Km} \Rightarrow \boxed{p = 359.654,23 \text{ km}}$$

$$R = \frac{p}{2\pi} = \frac{359.654,23 \text{ Km}}{2\pi} \Rightarrow \boxed{R = 57.240,75 \text{ Km}}$$