

Ejercicio 12.5

$$m = 5 \cdot \log D + 2$$

a) $13,8 = 5 \cdot \log D + 2$

$$\log D = (13,8 - 2) / 5$$

$$\log D = 2,36$$

$$D = 10^{2,36} = 229 \text{ mm}$$

Diámetro mínimo \approx **30 cm**

b) $11,5 = 5 \cdot \log D + 2$

$$\log D = (11,5 - 2) / 5$$

$$\log D = 1,9$$

$$D = 10^{1,9} = 79,43 \approx$$
 8cm