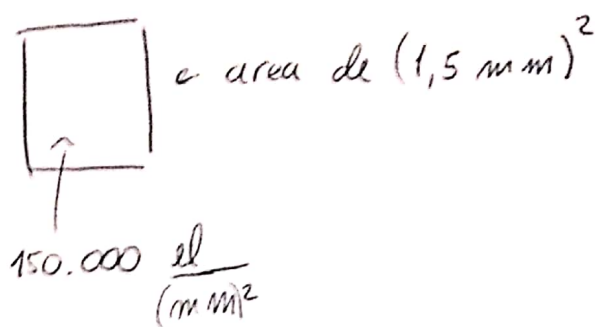


1)



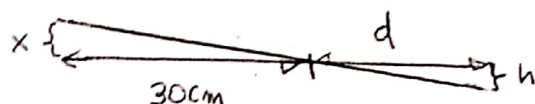
$$150.000 \text{ conos} \cdot (1 \text{ mm})^2$$

$$x \text{ conos} \cdot (1,5 \text{ mm})^2$$

$$x = 337.500 \text{ conos}$$

$$\text{Area cono} = \frac{(1,5 \text{ mm})^2}{337.500} = 6,66 \text{ p m}^2$$

$$\Rightarrow \text{LADO cono} = 2,5819 \mu\text{m}$$



$$\frac{x}{30 \times 10^{-2} \text{ m}} = \frac{h}{d} = \frac{2,5819 \mu\text{m}}{d} \quad d \in (14 \text{ m}, 17 \text{ m m})$$

$$x = 45,56 \mu\text{m} \mid d = 17 \text{ m m}$$

$$x = 55,32 \mu\text{m} \mid d = 14 \text{ m m}$$

cámara Iphone 11 \rightarrow tamaño pixel = $0,8 \mu\text{m}$

en x entran ≈ 50 pixeles \Rightarrow lo ves como un continuo (no distingo pixeles)