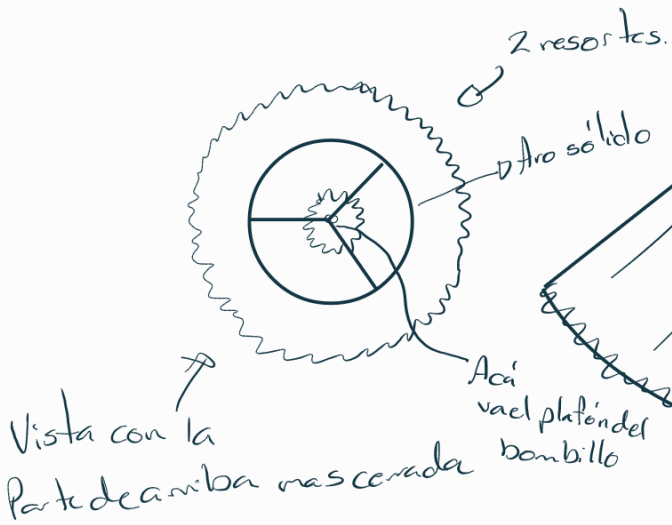


3 cables

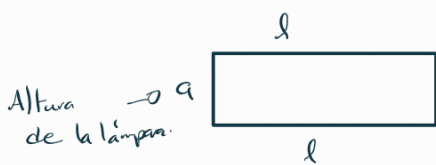
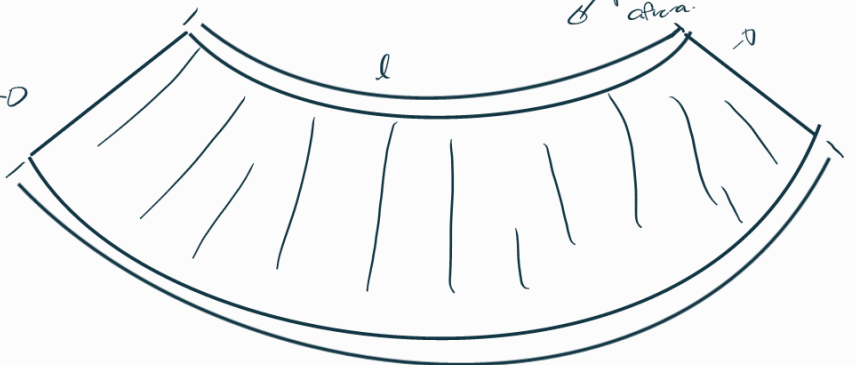


Vista con la  
Parte de arriba mascarada

Cartulina  
con el resorte  
por dentro  
Material más duro.



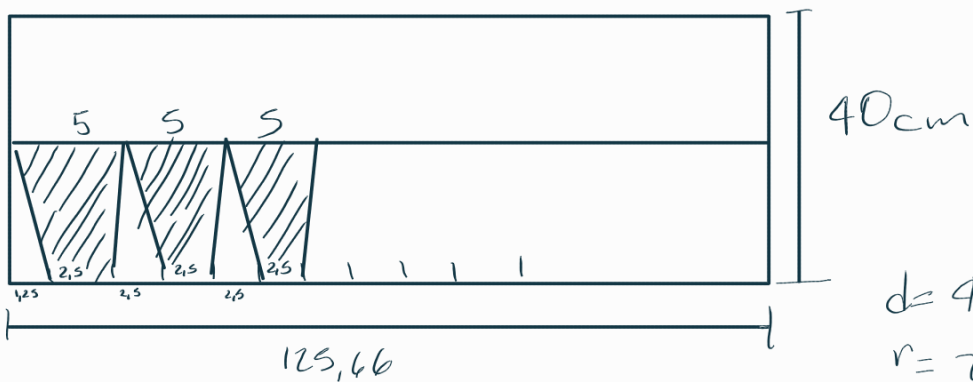
Decorado  
Bonito



Altura  
de la lámpara.

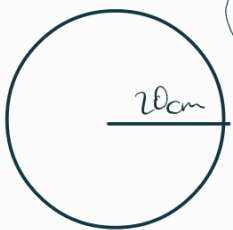
Mismo r del  
A.O

$$l = 2\pi r$$



d = 40cm  
r = 20cm

Mediano



Pequeño



$$2\pi \cdot 10 = 20\pi = 62.83 \text{ cm.}$$

$$l = 2\pi \cdot 20 = 40\pi = 125.66 \text{ cm}$$

$$\frac{125.66}{5} = 25$$

$$\frac{125.66}{62.83} \approx 2$$

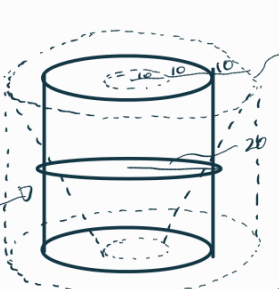
$$2.5 \times 25 = 62.5$$

Prototipo  $l = 62.50$  Cable  $\approx 1.85$

$$2\pi R + 2\pi \frac{R}{2} + 3R = 62.5$$

$$2\pi (R + \frac{R}{2}) + 3R = 62.5$$

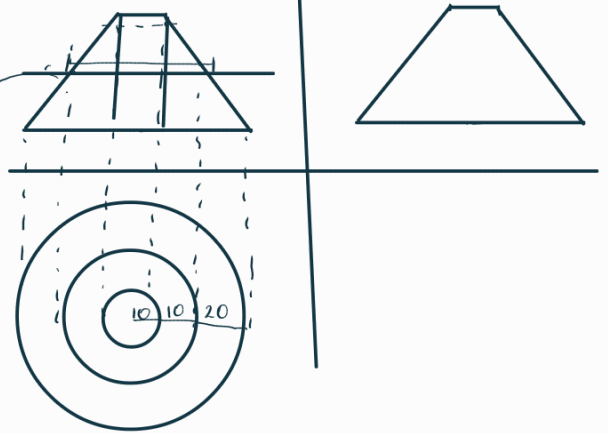
$$2\pi \frac{3R}{2} + 3R = 62.5$$



$$2\pi \cdot 30 = 188.49$$

$$A_3 = 2\pi \cdot r \cdot h$$

$$2\pi \cdot 30 \cdot 40 = 7539.82$$



Láminas Papel

50



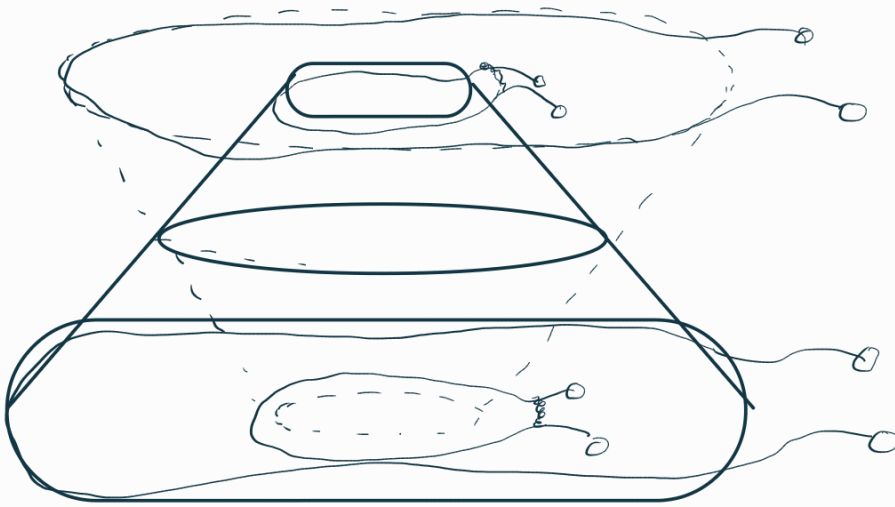
65

x 4

40 x 188,5

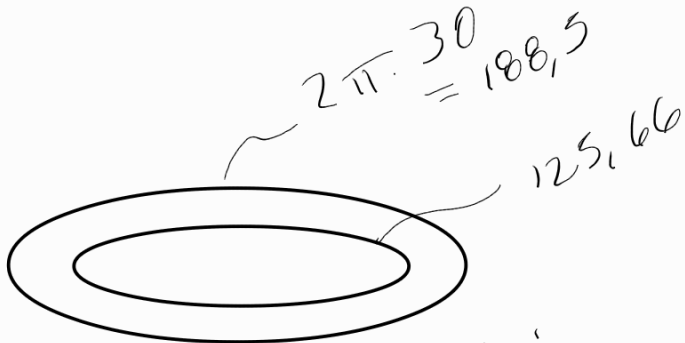
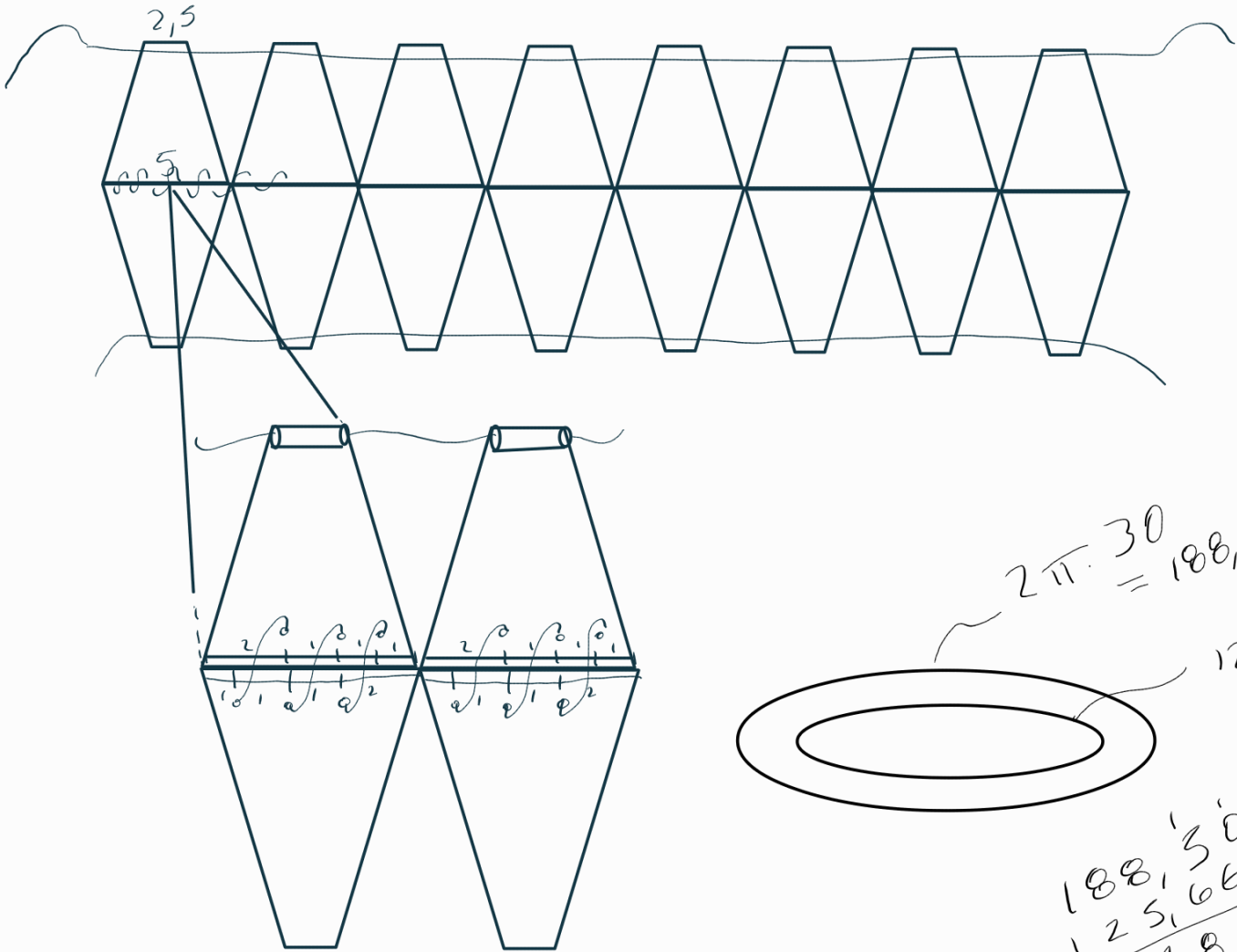
Diferente mecanismo

$$\begin{array}{r} 165 \\ 3 \\ \hline 195 \end{array}$$



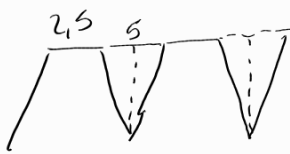
$$\frac{2,5}{40} \sqrt{4,5}$$

Cartón de presentación.



$$\begin{array}{r} 188,50 \\ - 125,66 \\ \hline 062,84 \end{array}$$

62,8



$$\frac{2,5}{2,3} \sqrt{2,3} \quad \frac{2,5}{2,3} \sqrt{2,3}$$

$$\underline{2,5} \leq \underline{2,5} \leq \underline{2,5} \leq \underline{2,5} \leq \underline{2,5} \leq \underline{2,5}$$

$$\begin{array}{l} 2,5 \times 6 = 15 \text{ cm} \\ 5 \times 5 = 25 \text{ cm} \\ \hline 40 \text{ cm} \end{array}$$

Piede lâmpara

