

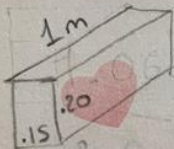
# Volumen

Cm = 100  
m = 1

$$\begin{array}{l} 0.03 \text{ s/desperdicio} \\ + 10\% \rightarrow \times 1.10 = \\ \hline 0.033 \text{ c/desperdicio} \end{array} \quad 2.8x$$

Cantidad de acero sobre  
Varilla

$$\frac{1m}{.15} = 6.66 + 1 = 7$$



f'c = 200 kg/cm<sup>2</sup>  
4#3 E#2 @ 15cm.

L x L x h

Volumen:  $.15 \times .20 \times 1 = 0.03 \text{ m}^3$

Resistencia: 200 kg/cm<sup>2</sup>

Dosificación de concreto

| cemento  | Agua   | Arena      | Grava      |
|----------|--------|------------|------------|
| 1 bulto  | 1.75 L | 4.50 bates | 5.50 bates |
| 7 bultos | Latas  | Latas      | Latas      |

Cemento:  $1 \times 7 \times 0.03 = 0.21 \text{ bultos} - \frac{1}{\checkmark}$

Agua:  $1.75 \times 7 \times 0.03 = 0.36 \text{ bates} - \frac{1}{\checkmark}$

Arena:  $4.50 \times 7 \times 0.03 = 0.945 \text{ bates} + 5\% \text{ desp} - \frac{1}{\checkmark}$

Grava:  $5.50 \times 7 \times 0.03 = 1.155 \text{ bates} - \frac{1}{\checkmark}$