

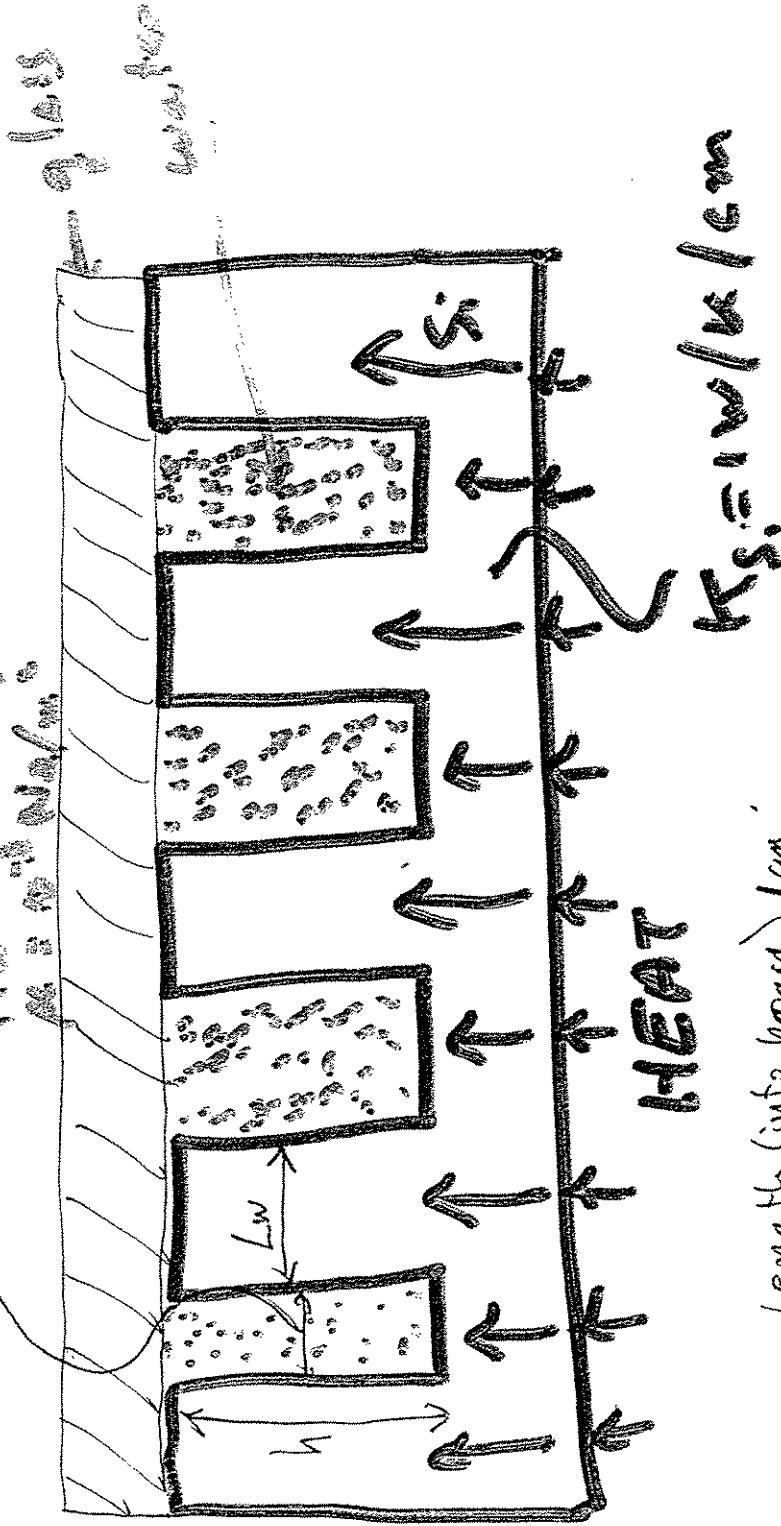
Peace Question

2008

$$\rho_c = 45 \text{ kg/m}^3$$

$$K_w = 0.1 \text{ W/m}^2\text{K}$$

$$K_s = 1 \text{ W/m}^2\text{K}$$



Length (into board) 1m

Water Pressure 1atm

Fins?

- Why do heat sinks have fins?
- Explain the area advantage of the above finned structure
- over an unfinned structure in terms of h, L, A, W.
- Choose h, L, A, W.