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summery

- 1. Heart transfer though a wall is proportional to its Area.
- 2.It is propornational to the differefce of temperature and conductivity. Conductivity: willingness of material to transfer heat.
- 3.IT inversely proportinal to the thickness.Why "the thicker the wall, the less heat goes through it" .

week1 submission

$$\dot{Q} = kA \frac{\Delta T}{L} = 0.78 \times 20 \times \frac{26}{04} = \frac{975}{156} W.$$

2)
$$\Re Resistance$$
 $\Re Resistance$ \Re

$$\dot{Q} = \frac{\Delta T}{P_{\text{Wal}}} = \frac{25}{0.0256} \approx 976.6 \text{ W}.$$