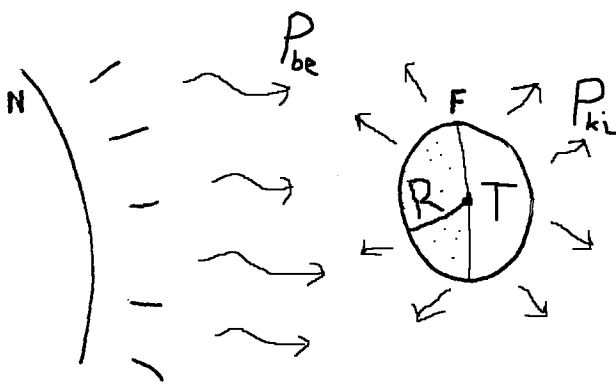


11.) $S = 1390 \frac{W}{m^2}$ $T = ?$ fekete test lenne



$$P = \sigma T^4 A$$

$$\sigma = 5,67 \cdot 10^{-8} \frac{W}{m^2 K^4}$$

$T = \text{állandó!}$

$$P_{be} = P_{ki}$$

$$S \cdot A_{be} = \sigma T^4 A_{ki}$$

$$S \cdot R^2 \pi = \sigma T^4 \cdot 4R^2 \pi$$