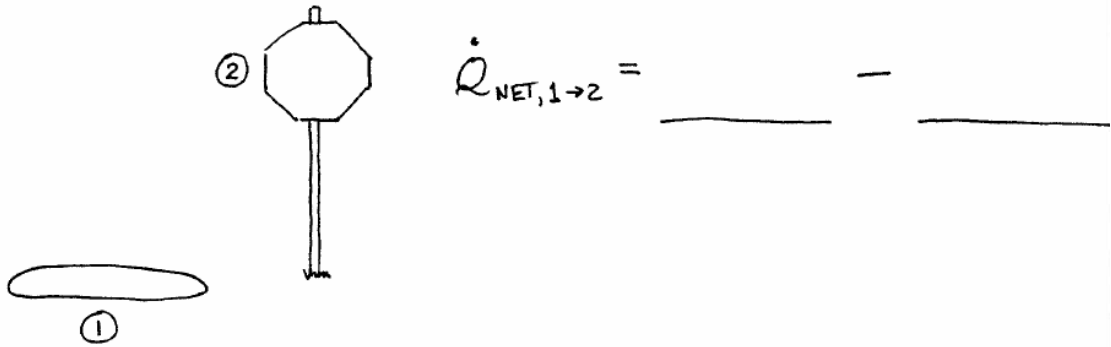


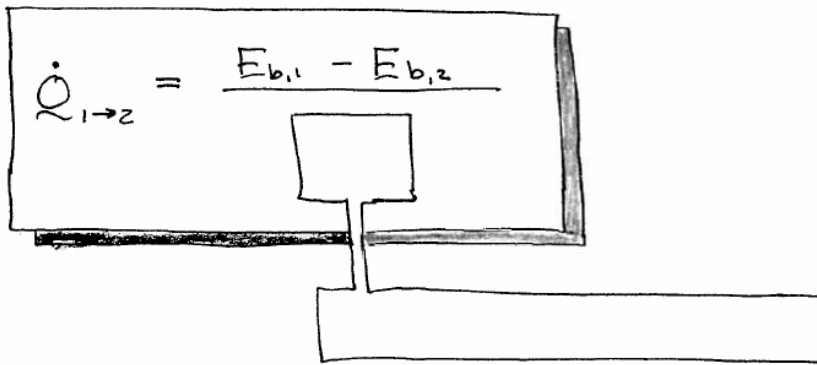
NOTES: Radiation between black surfaces

RADIATION EXCHANGE BETWEEN BLACK SURFACES

WRITE AN EXPRESSION FOR THE NET RATE OF RADIATION HEAT TRANSFER FROM ① TO ②. ASSUME BOTH SURFACES ARE BLACK.



REARRANGE $\dot{Q}_{NET,1 \rightarrow 2}$ IN THIS FORM:



IF SURFACES FOR AN ENCLOSURE

$\dot{Q}_{i,NET} =$

