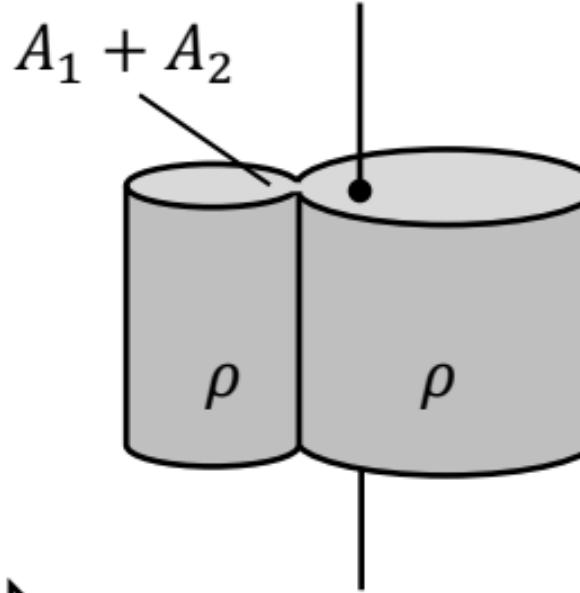


$$R_1 =$$

$$R_2 =$$

Same as



Write the equivalent resistance R_{eq} in terms of ρ , ℓ , and total area $(A_1 + A_2)$:

$$R_{\text{eq}} =$$

Use the result above to write R_{eq} in terms of R_1 , and R_2 .
(Hint: start by writing $1/R_{\text{eq}}$.)