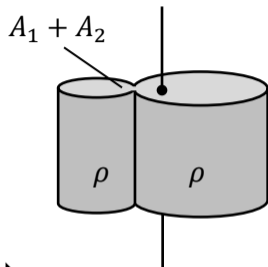


$R_1 =$

$R_2 =$

Same as



Write the equivalent resistance  $R_{\text{eq}}$  in terms of  $\rho$ ,  $\ell$ , and total area  $(A_1 + A_2)$ :

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

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