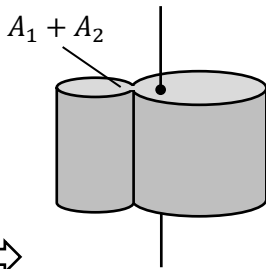


$R_1 =$

$R_2 =$

Same as



Write the equivalent resistance R_{eq} in terms of ℓ , ρ , A_1 and A_2 :

$R_{eq} =$

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