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## MANIPULATE TO SOLVE FOR R $\mathbf{R}_{\mathbf{x}}$



## VOLTAGE DIVIDER LAB

- $\mathrm{V}=9 \mathrm{v}$, Pick $\mathrm{R}_{\mathrm{t}}$ to be something over

$$
R_{x}=\frac{R_{t} * V x}{V}
$$ $500 \Omega$ and then figure out what $R_{2}$ should be to give you 5 v between point " B " and ground

- Using this formula calculate $R_{x}$ for $R_{2}$



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