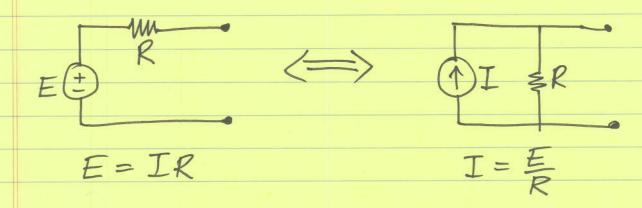
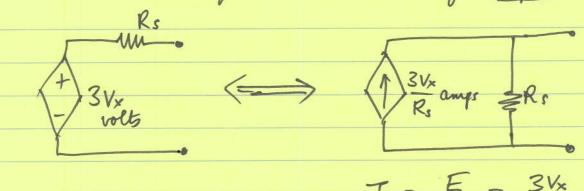
Source Transformations

Any voltage source that is connected in series with a resistor can be replaced by a current source in parallel with the same resistance.

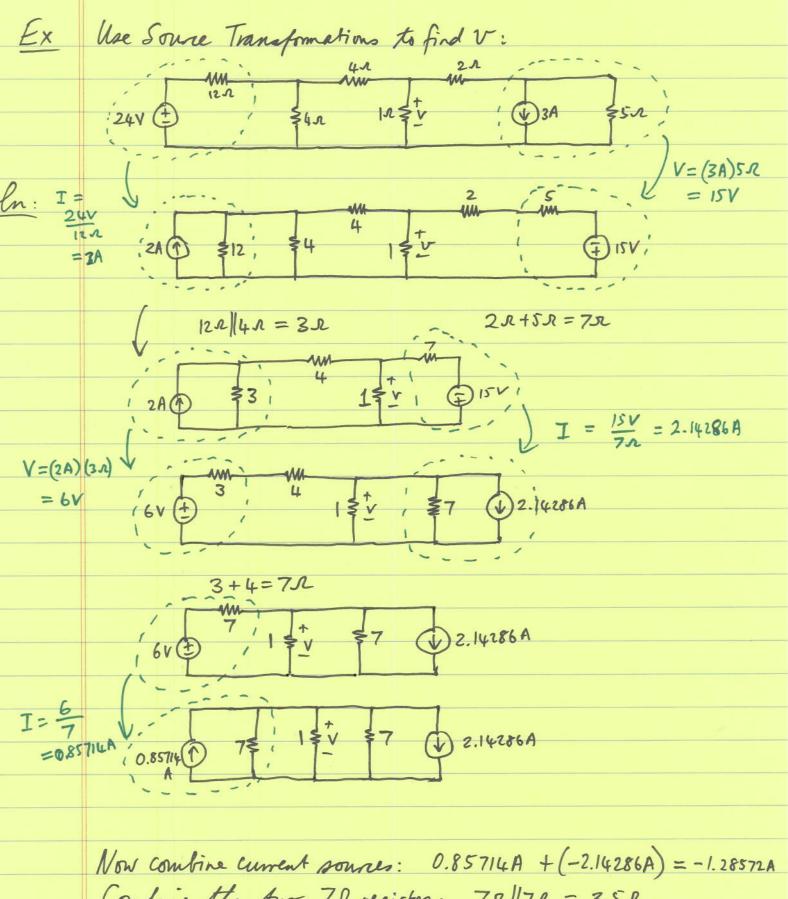
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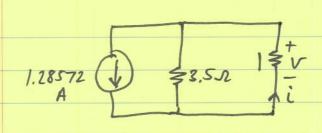
Note: Source transformations also work for dependent sources:



$$\begin{aligned}
E &= IR \\
&= \left(\frac{3V_x}{R_s}\right) R_s = \frac{3V_x}{R_s}
\end{aligned}$$



Combine the Aur TS registers: 752/171 = 3.58. So circuit reduces to:



Get i using current din der: i = 1.28572. 3.5

So,
$$V = (-1A)(1A) = -1V$$
This is correct.

This is correct.