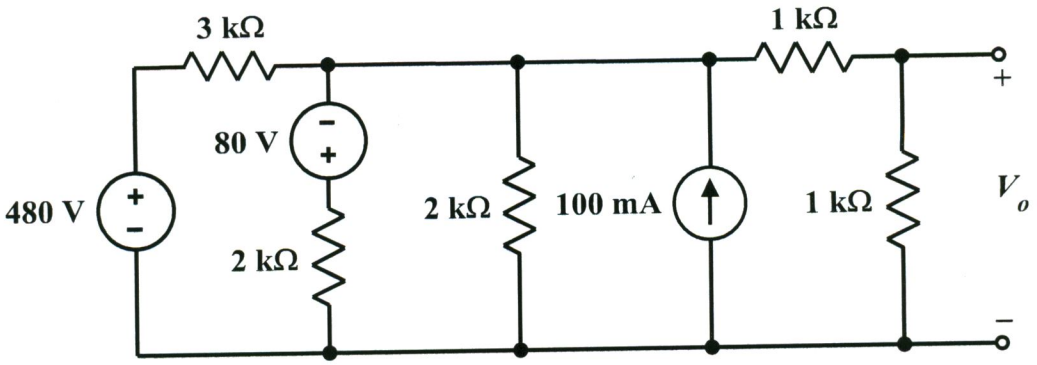
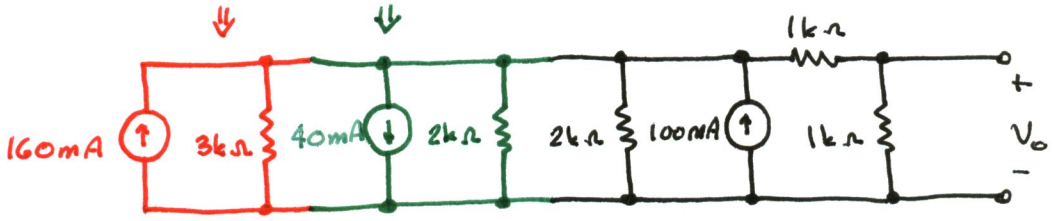
EE 2240

Problem #04

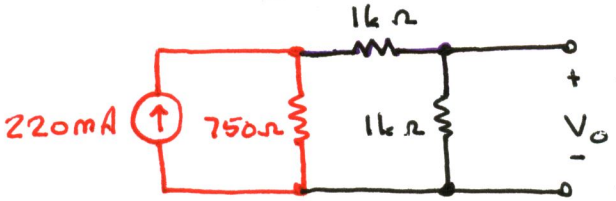
Find V_o using a sequence of source transformations.

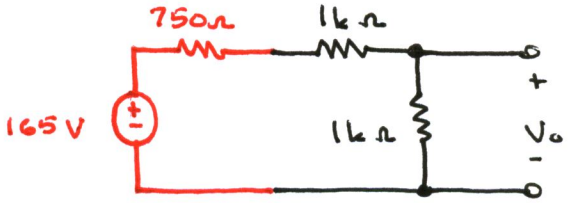




160mA − 40mA + 100mA
= 220mA

3kΩ || 2kΩ || 1kΩ
= 750Ω





$$V_o = \frac{1k\Omega}{750\Omega + 1k\Omega + 1k\Omega}(165V)$$

$$= 60\ V$$