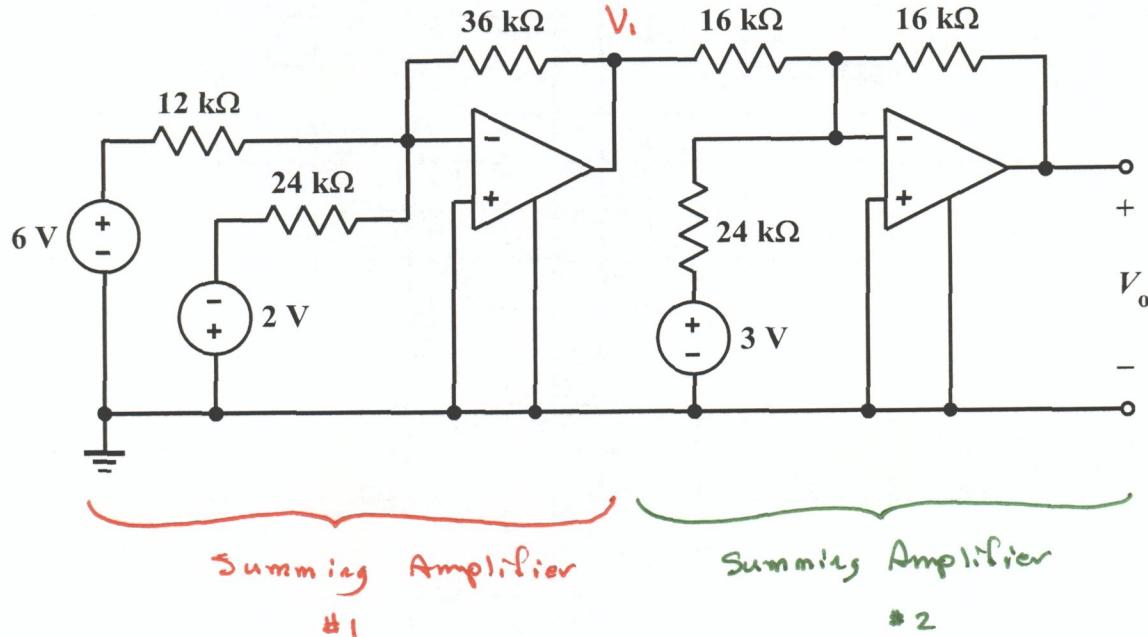# Problem #10

Assume the op amps are ideal, and determine the output voltage, V_o.

$$V_1 = -\frac{36k\Omega}{12k\Omega}(6V) - \frac{36k\Omega}{24k\Omega}(-2V)$$

$$= -15V$$

$$V_o = -\frac{16k\Omega}{16k\Omega}V_1 - \frac{16k\Omega}{24k\Omega}(3V)$$

$$= 13V$$