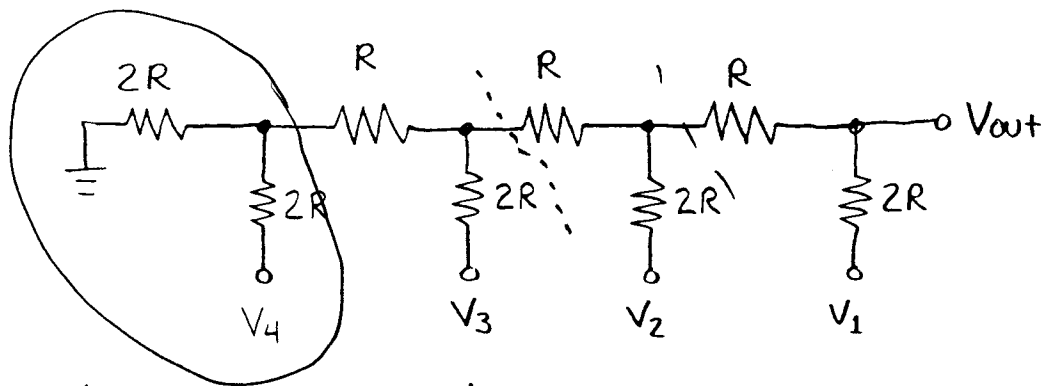
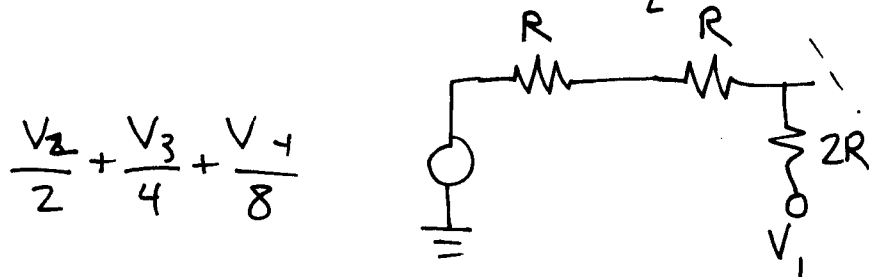
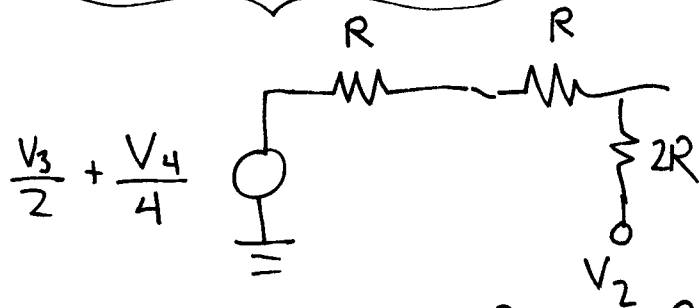
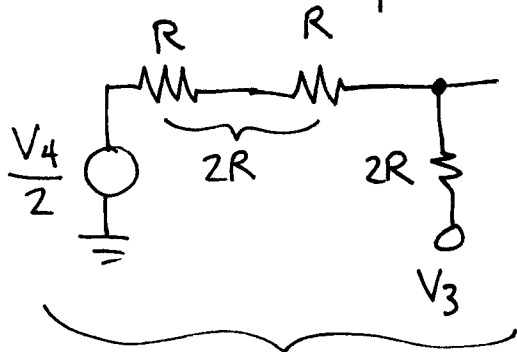


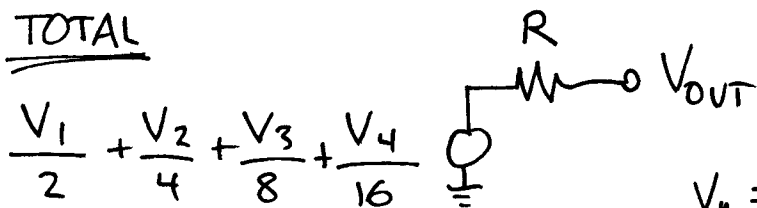
D/A CONVERTER (R-2R)



Thevenin and repeat...



TOTAL



$$V_n = V_{REF} b_n$$

$$V_{REF} \left(\frac{1}{2} b_1 + \frac{1}{4} b_2 + \frac{1}{8} b_3 + \frac{1}{16} b_n \right) = V_{OUT}$$