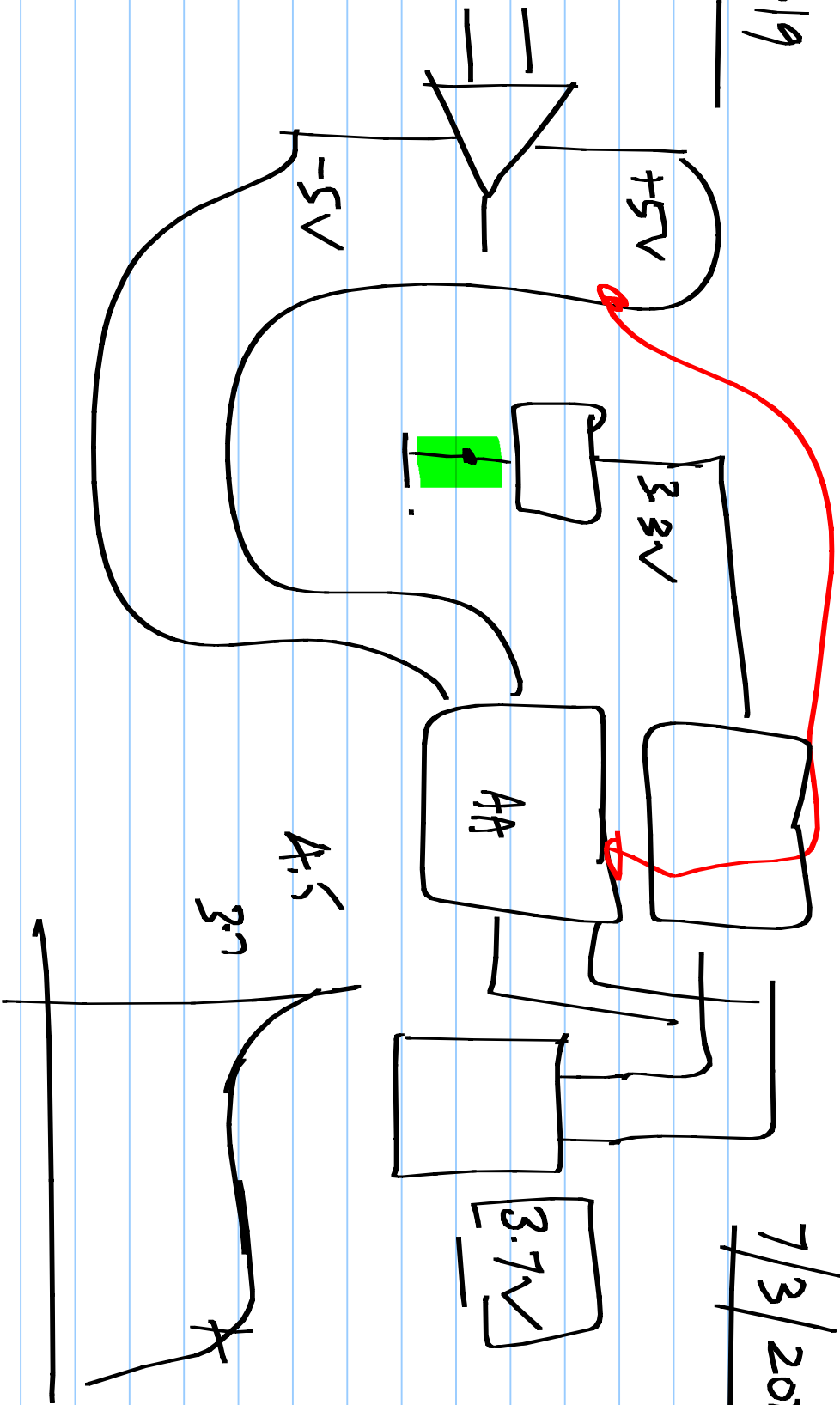
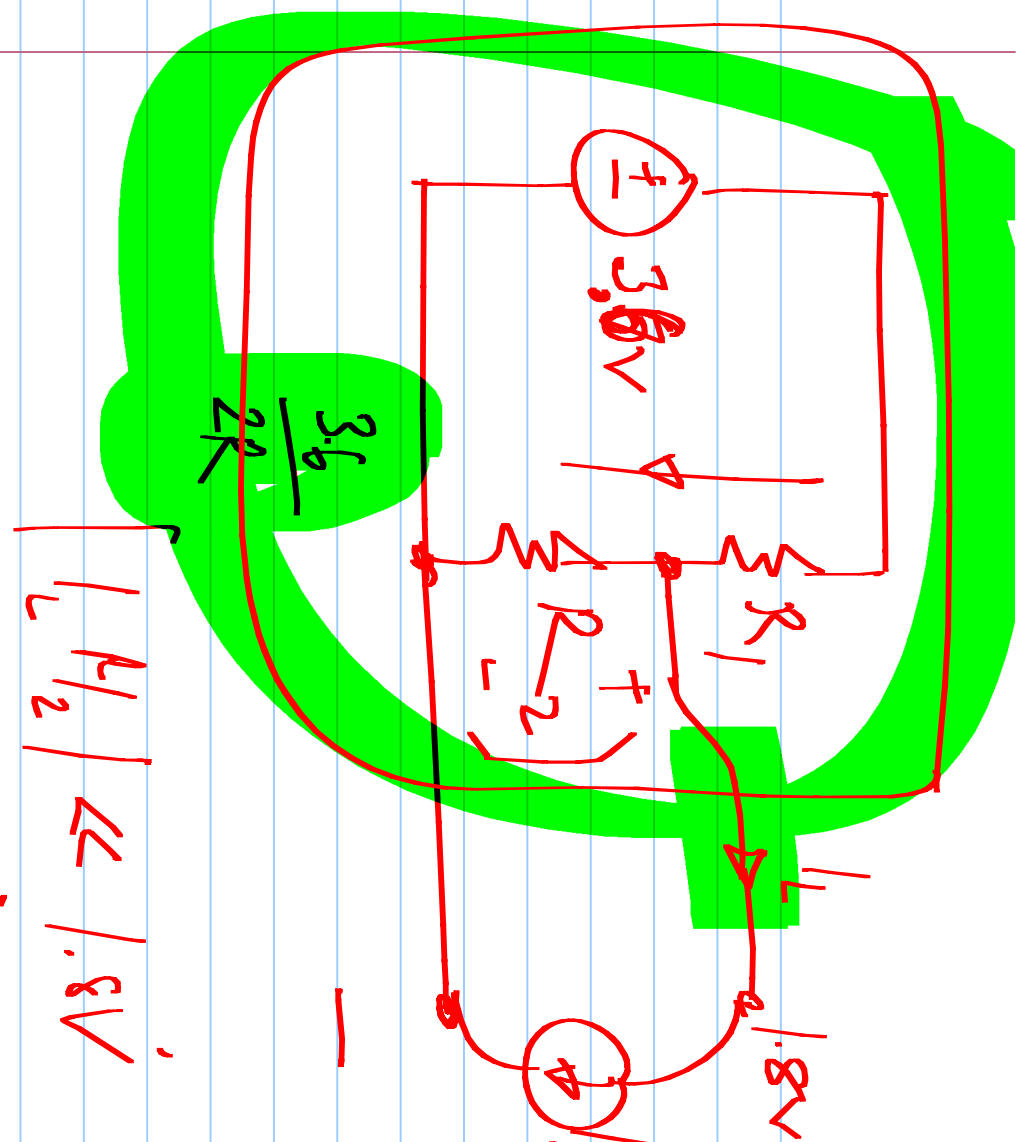


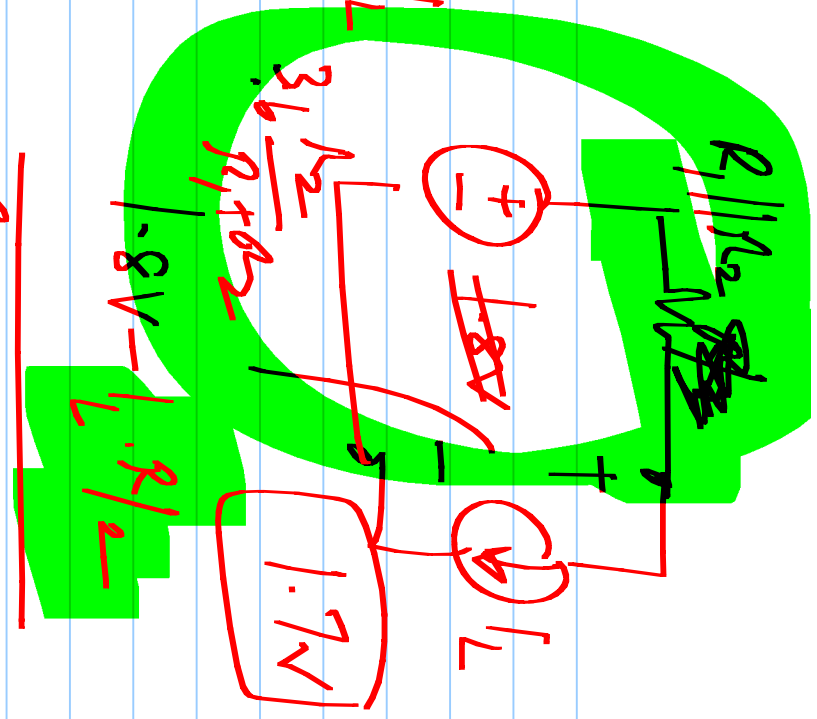
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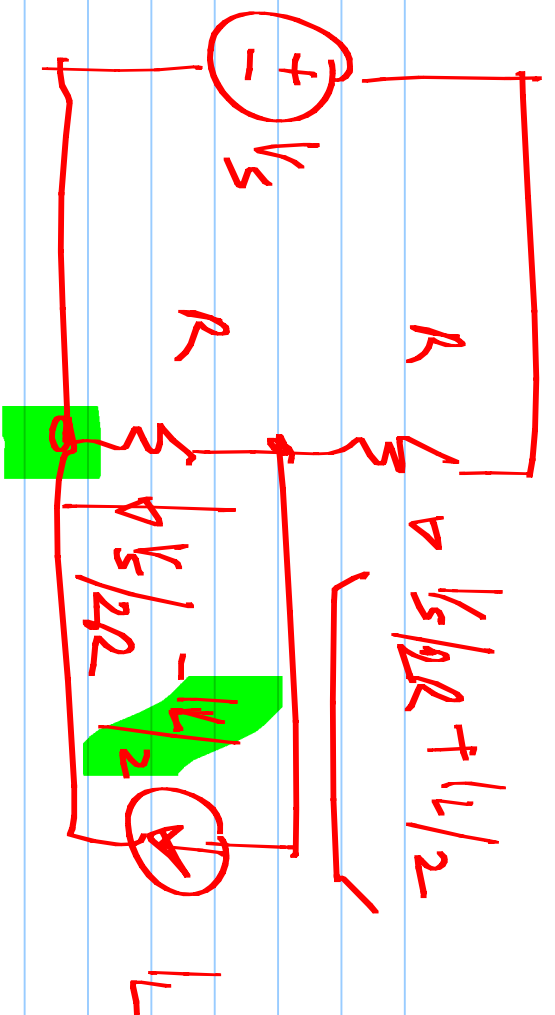


$$I_{K/2} \ll 1.8V$$



$$3.6 \frac{R_2}{R_1 + R_2} = 1.7$$

$$= 1.8$$



$$I_L \cdot \frac{R_L}{2} = 0.1V$$

$$R = 2 \cdot \frac{0.1V}{I_L}$$

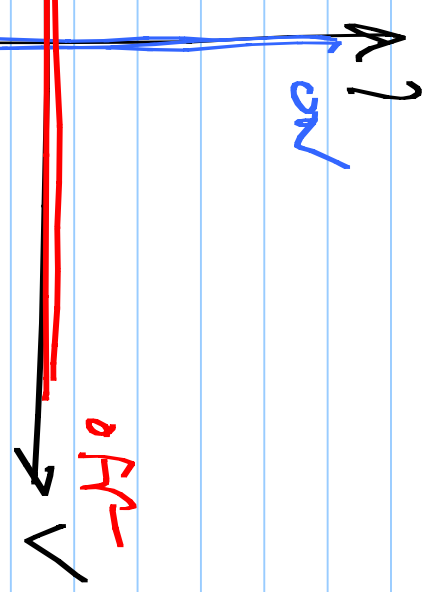
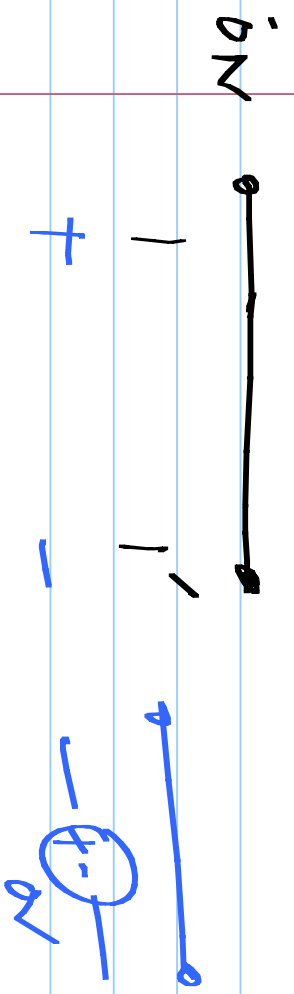
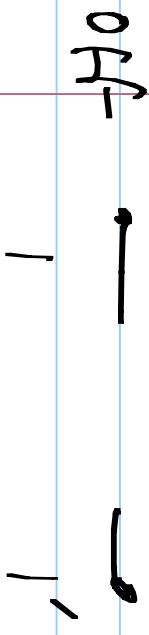
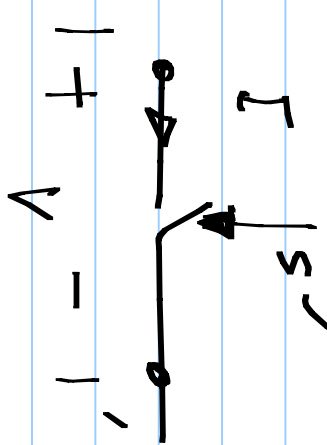
$$\frac{V_s^2}{2 \cdot 2 \cdot \frac{0.1}{I_L}} = \frac{V_s^2}{0.8} \cdot I_L$$

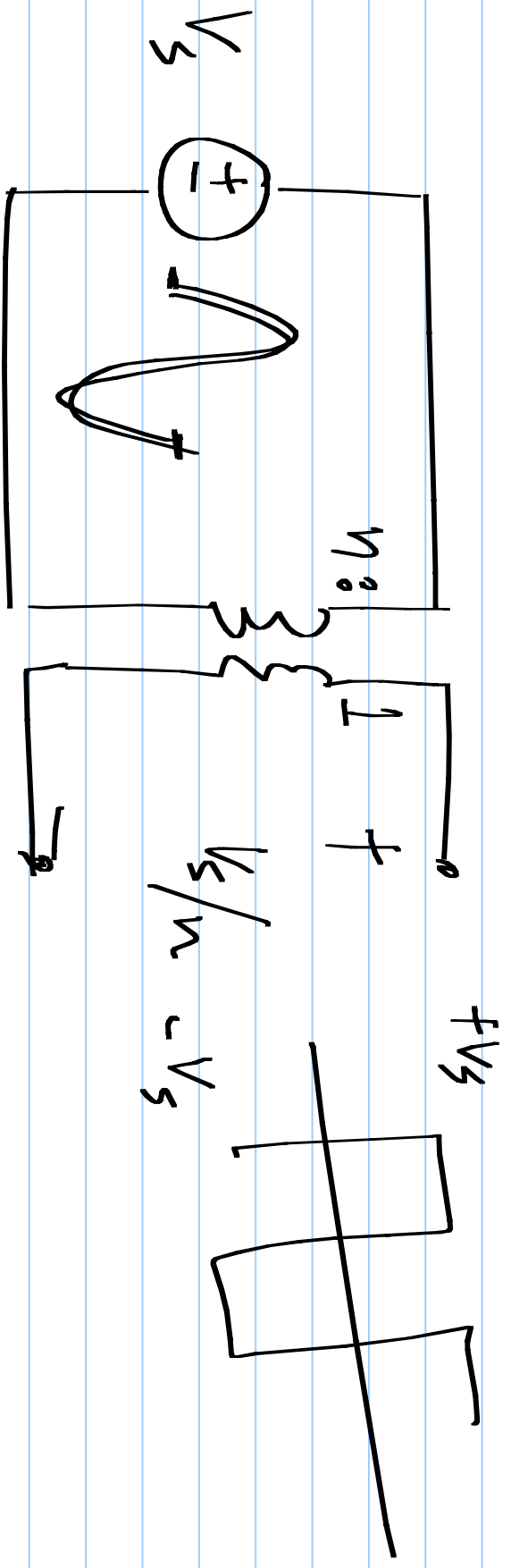
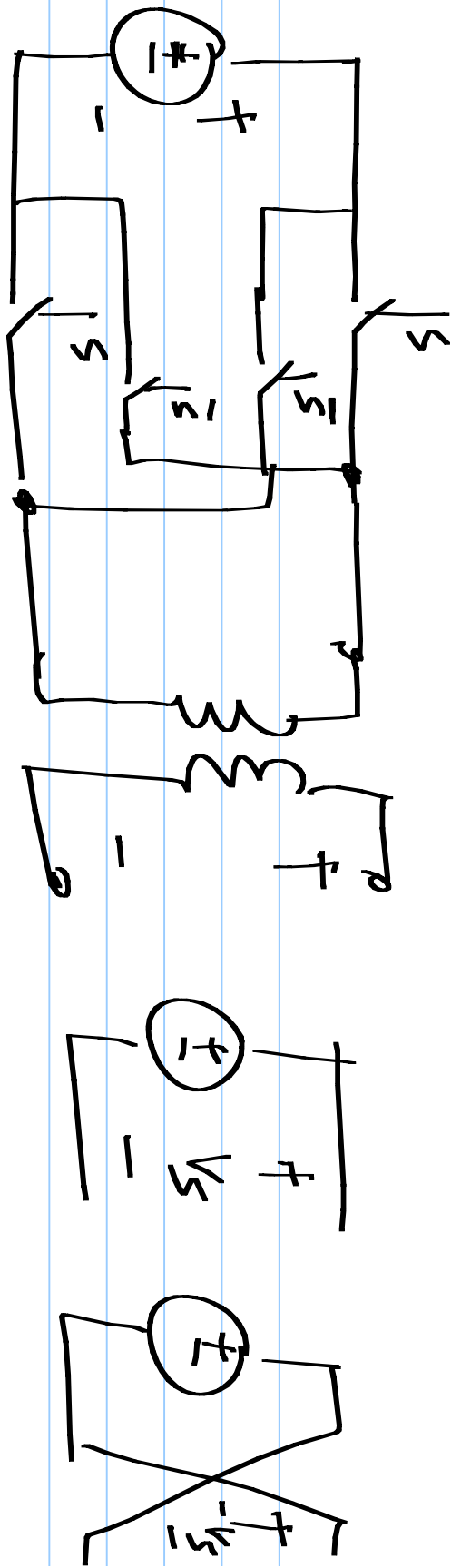
Switches: ✓ logic

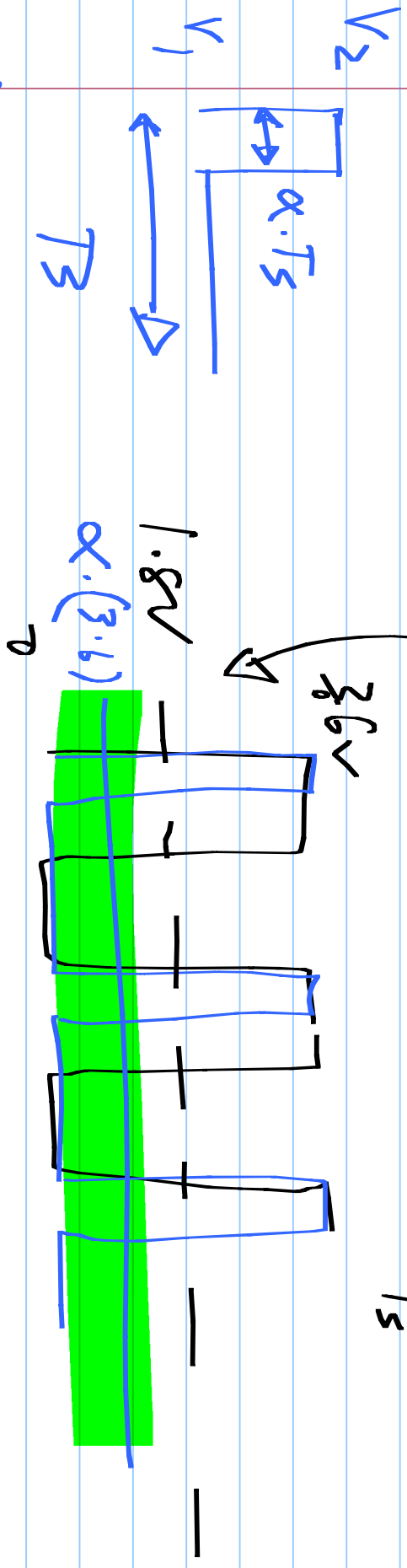
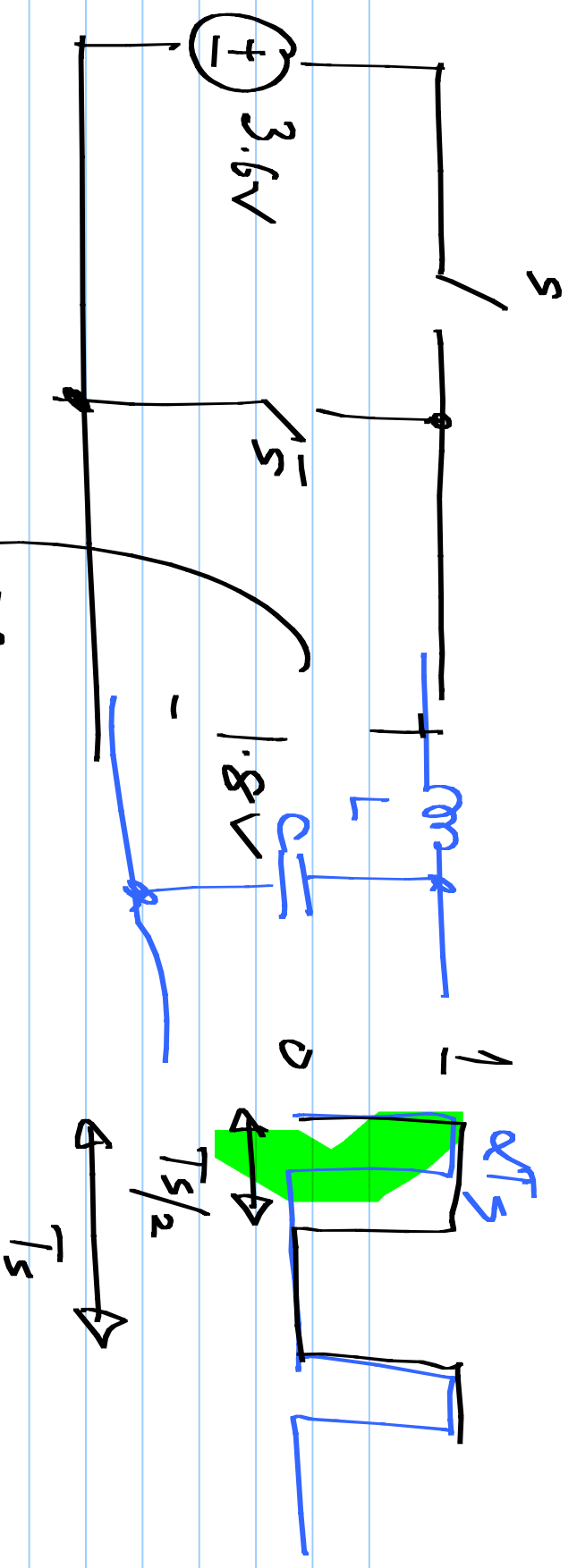
0 - OFF
1 - ON

(N)L, C

Switches







duty cycle: α