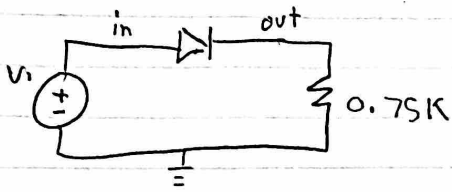
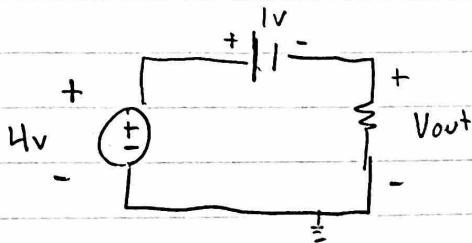


9



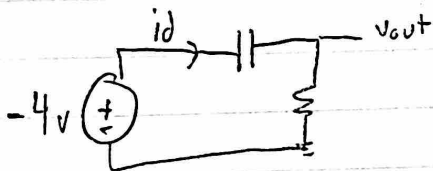
Switches between 4 V & -4 V

- Diode acts as capacitor when voltage is greater than 1 V but voltage source $\geq 1 \text{ V}$



$$-4 + 1 + V_{out} = 0$$

$$V_{out} = \boxed{3 \text{ V}}$$



$$i_d = 0$$

$$\text{so } V_{out} = 0$$

V_{out} waveform

