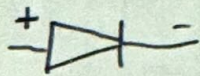


- a) The threshold voltage is about 0.6 V
- b) Two biases, forward and reverse

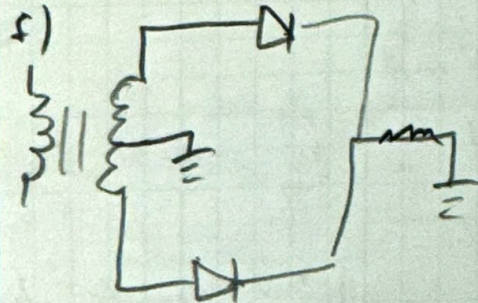
Forward



Reverse



- c) As a device that forces current to travel one direction
- d) If the resistance is the same both ways, the diode is broken
- e) A practical diode is at infinite resistance under reverse biased conditions (i.e. below breakdown voltage)



A center-tapped rectifier has 2 diodes on its circuit

- g) A full wave rectifier has the greatest rms voltage output. All have the same peak voltage output
- h) The ripple is caused by the capacitor charging and discharging.