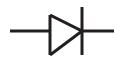
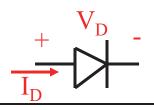
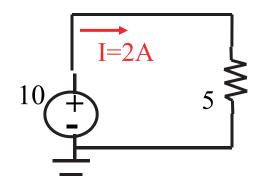
DIODE



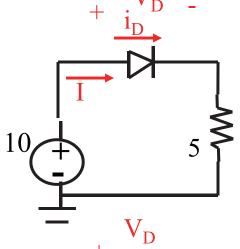


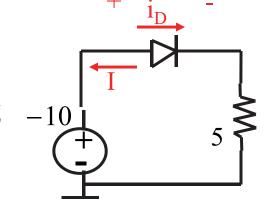


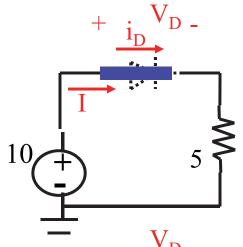


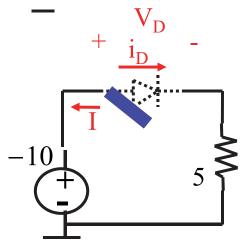
I=2A

-10







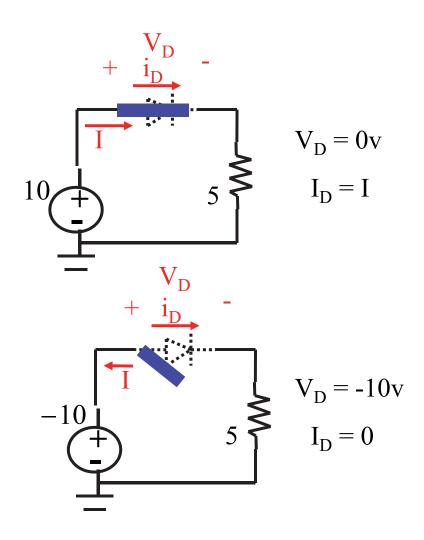


$$V_D = 0v$$

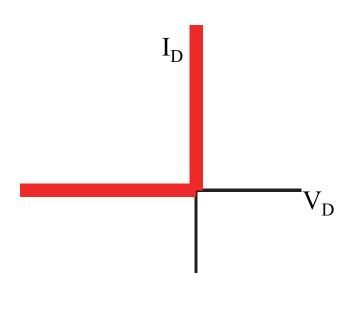
$$I_D = I$$

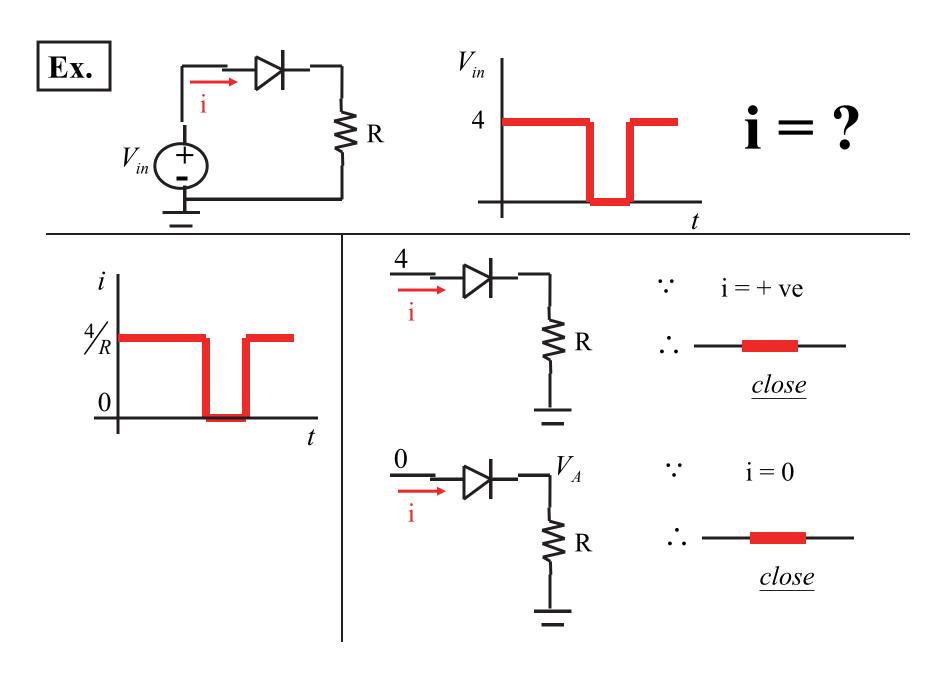
$$V_D = -10v$$

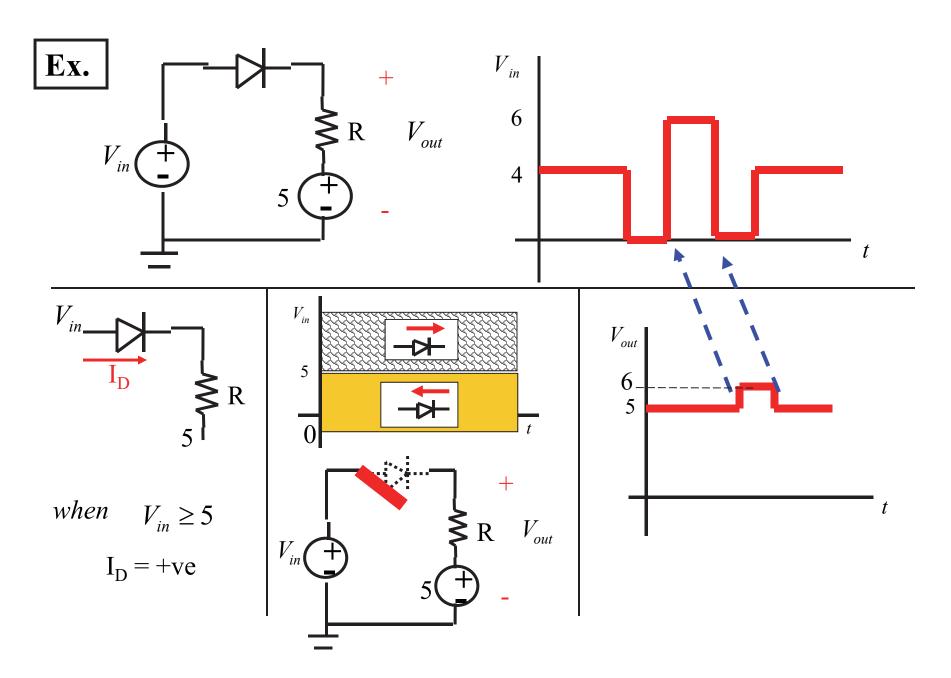
$$I_D = 0$$

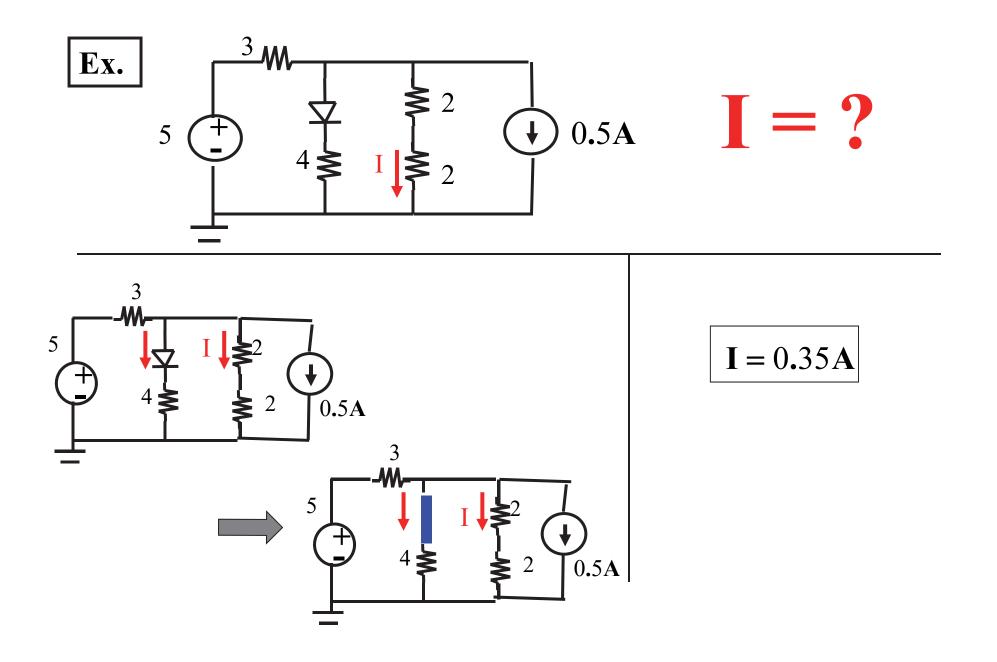


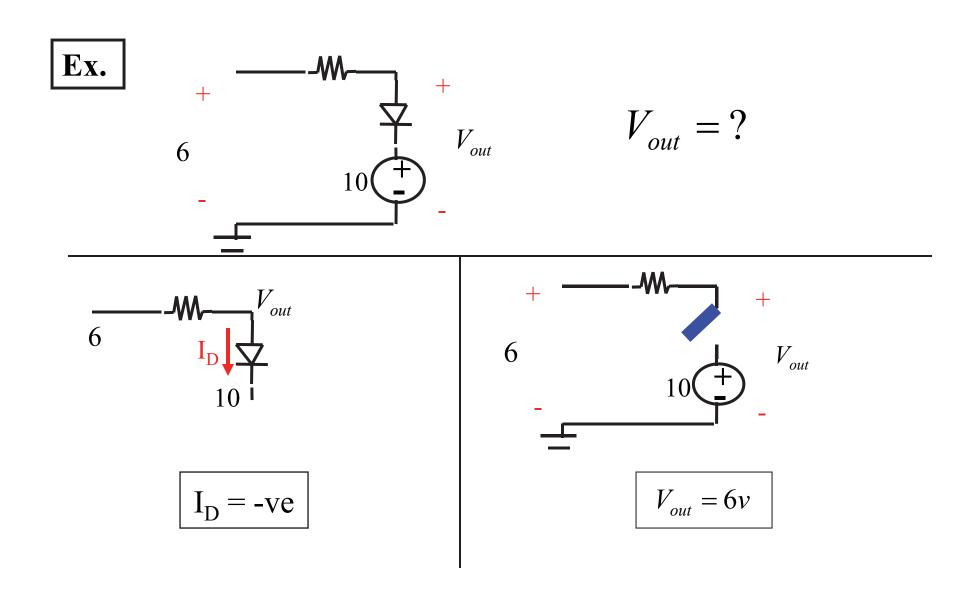
Ideal Diode

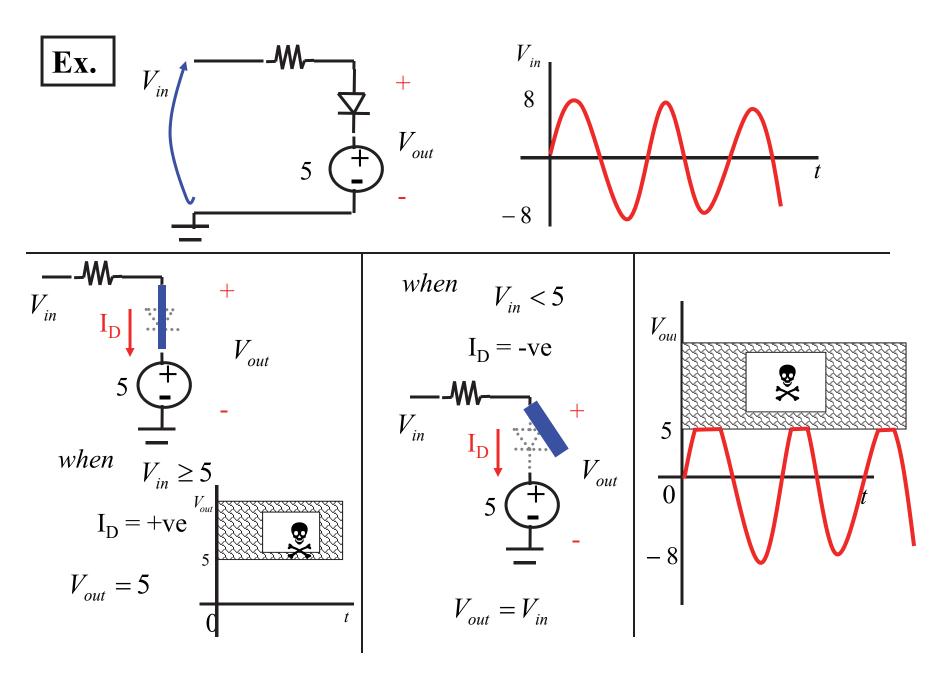




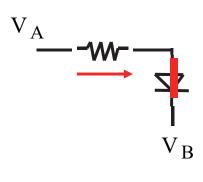


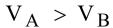


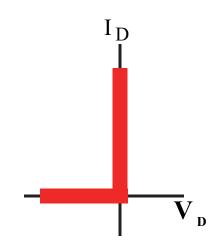


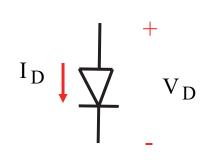


ideal diode model

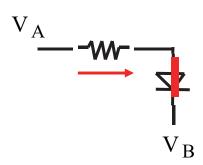




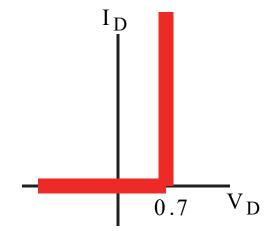


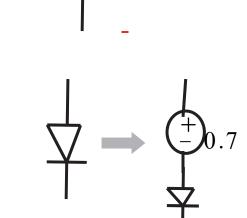


Offset Diode model

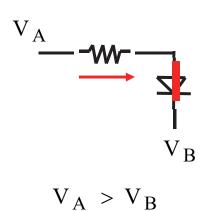


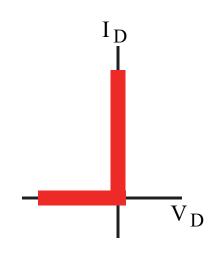
$$V_A - 0.7 > V_B$$

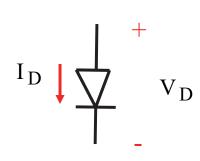




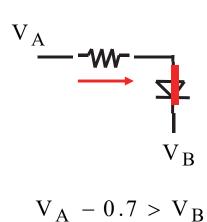
ideal diode model

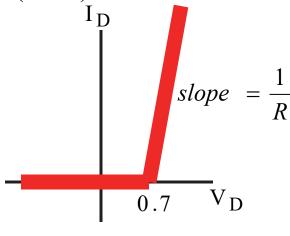


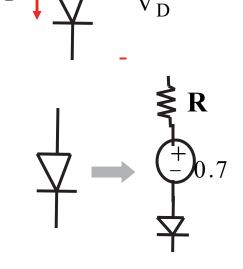




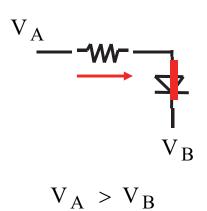
Piecewise Linear diode model (PWL)

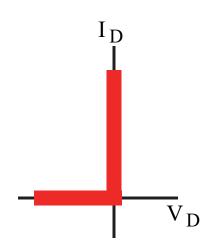


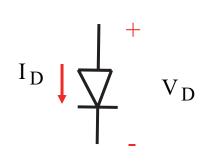




ideal diode model







Zener diode model

