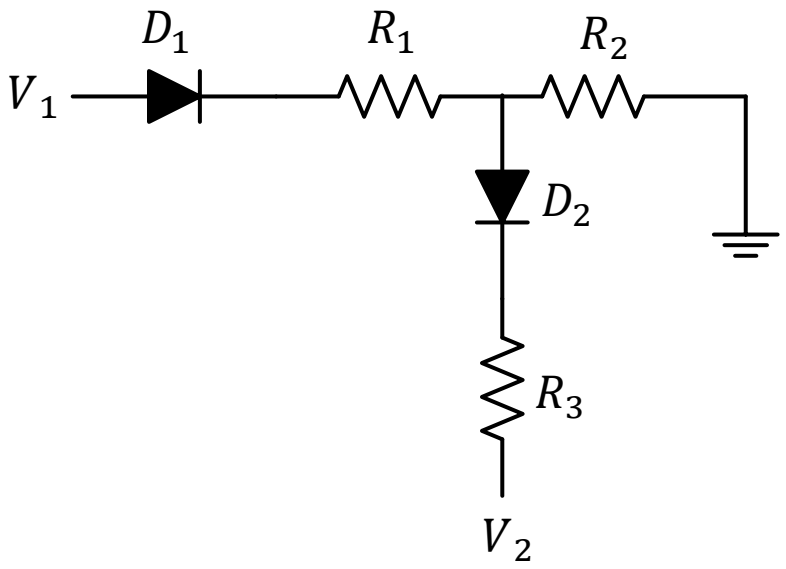
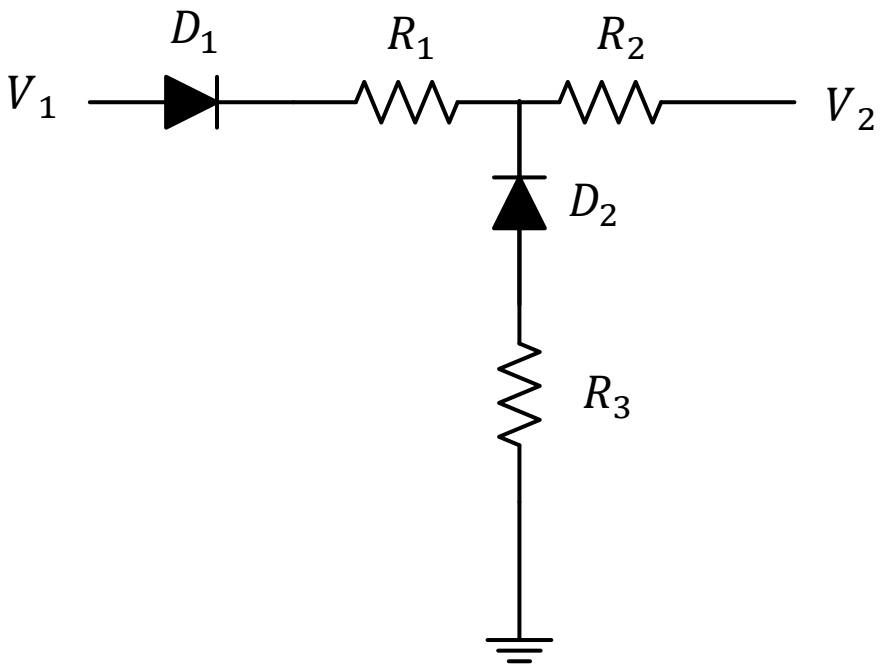
1. Determine the conduction state of the diodes assuming that all the diodes are ON.
2. Determine the diode currents. consider Si diode. $R_1 = 2k, R_2 = 0.5k, R_3 = 5k, V_1 = 4V \; and \; V_2 = 2V$

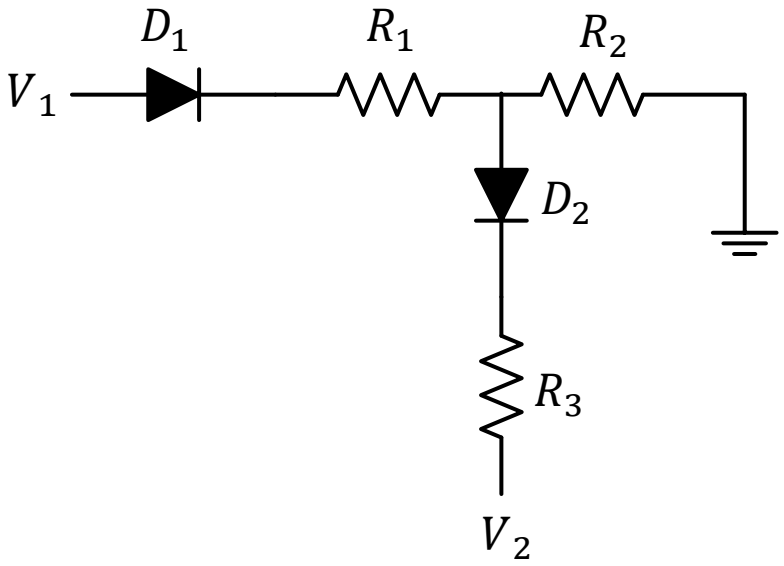


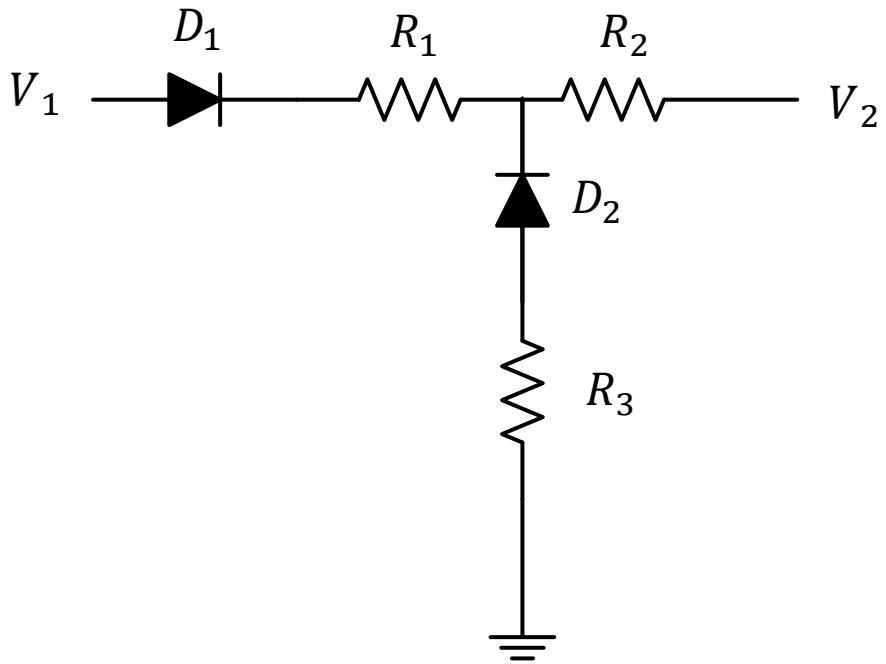


1. Solve the circuit making the following assumptions and justify the assumptions made.

D1	D2
ON	OFF
OFF	ON

Consider Si diode. $R_1 = 2k, R_2 = 0.5k, R_3 = 5k, V_1 = 4V \; and \; V_2 = 2V$





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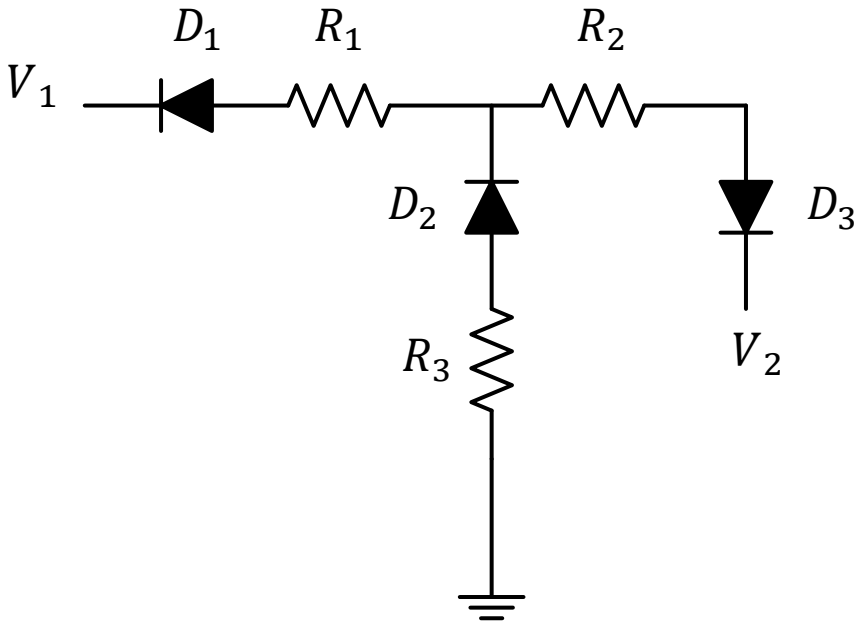

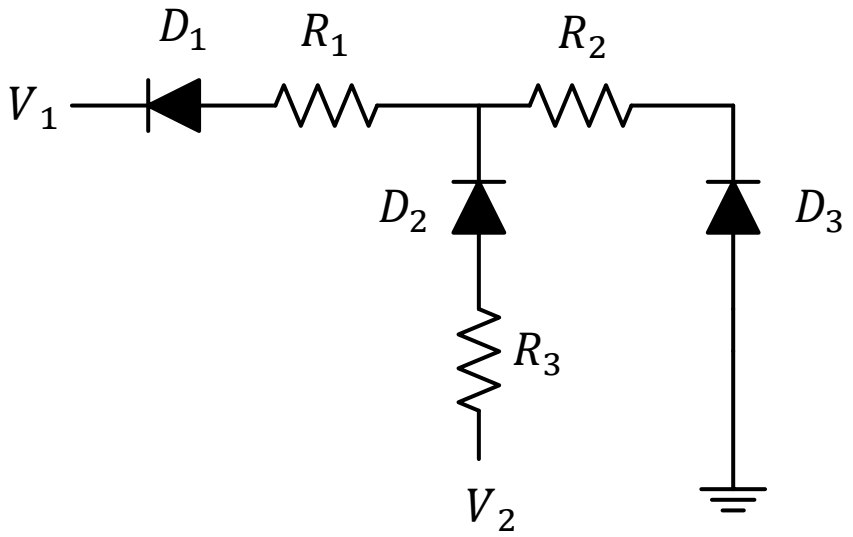

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