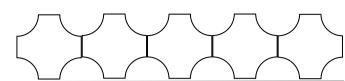


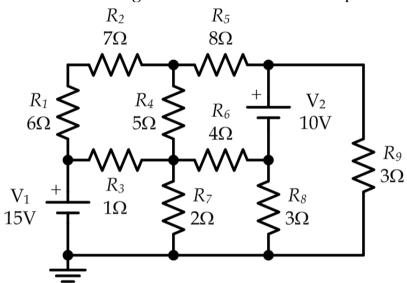
EE 251Basic Electrical Engineering

Simulation # 01

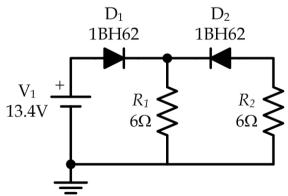




Q1. Draw the circuit below in MultiSim and simulate it to get the currents and voltages across the different components:



Q2. In the circuit shown, what are the DC currents flowing through the diodes?



Answers:

Q1/

$V_{R1} =$	$I_{R1} =$
$V_{R2} =$	$I_{R2} =$
$V_{R3} =$	$I_{R3} =$
$V_{R4} =$	$I_{R4} =$
$P_{V1} =$	$P_{V2} =$

Report all voltages and currents in absolute values

Q2/

$I_{D1} =$	
$I_{D2} =$	