



BAŞKENT UNIVERSITY
ELECTRIC & ELECTRONICS ENGINEERING

EEM 214 ~ ELECTRONICS–I
LABORATORY
REPORT

Experiment Name : Small-Signal Analysis of Diode Circuits
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Experiment Number : 6

Student Name : XXXXXXXXXX
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Student Number XXXXXXXXXX
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Experiment Date/Day: 21 / 4 / 2006

Laboratory Number:

Honor Pledge:

I did this preliminary work or lab report by myself and I have neither cheat from anybody nor let anybody cheat from me at the any part of this work.

Student Signature:

.....

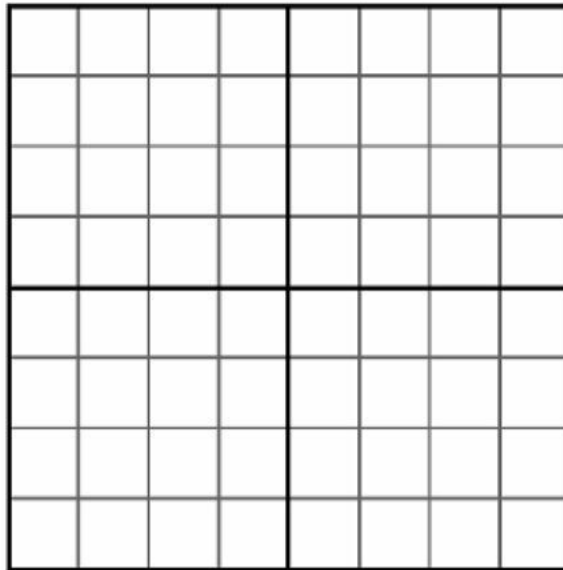
1-)

a-)

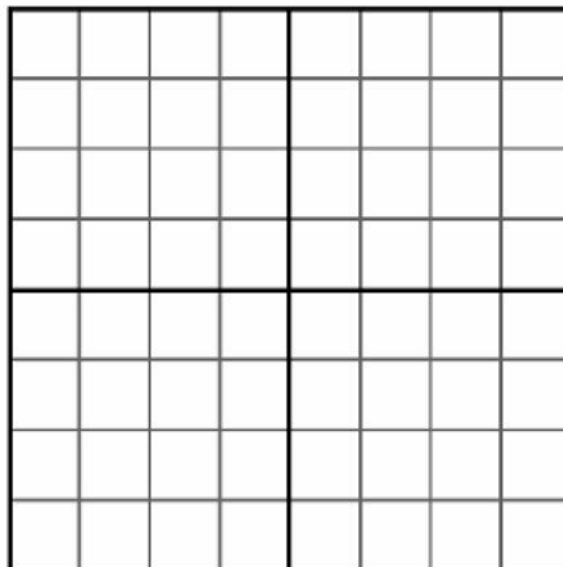
	Part1	Part2	Part3
DC voltage drop across the 1k Ω	982 mV	203 mV	232 mV
V _{DQ}	606 mV	490 mV	506 mV

b-)

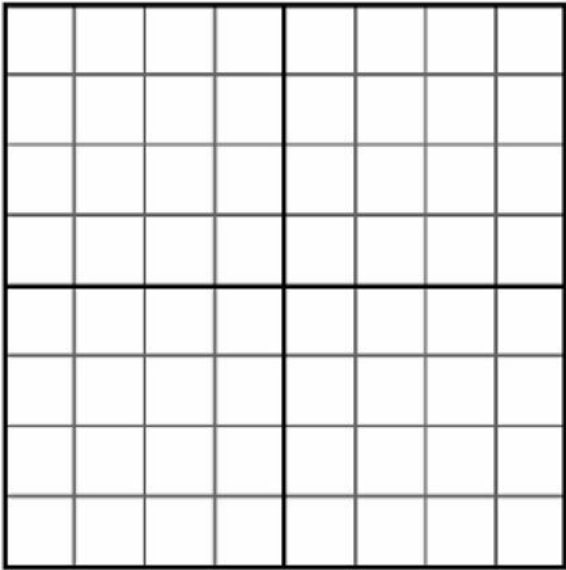
PART1



PART2



PART3

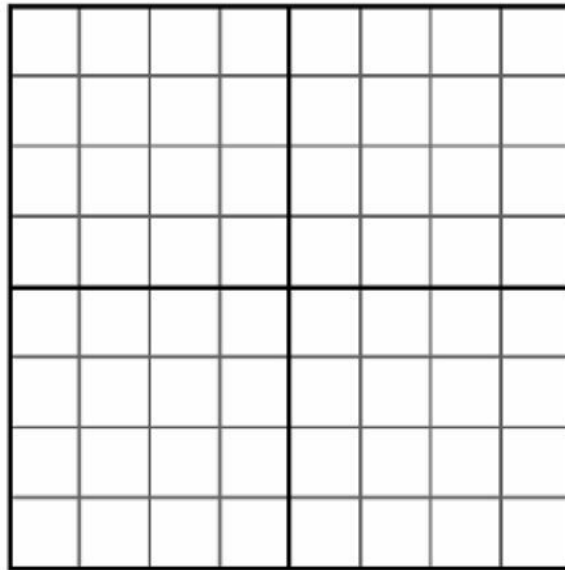


c-)

	Part1	Part2	Part3
V_M	680 mV	32 mV	88 mV

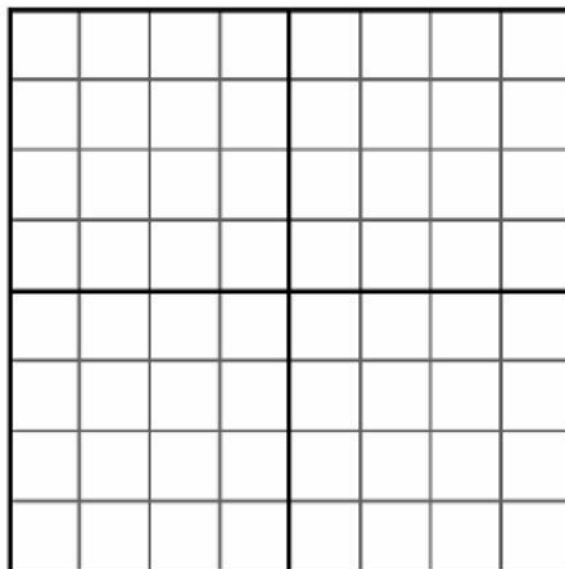
d-)

PART1



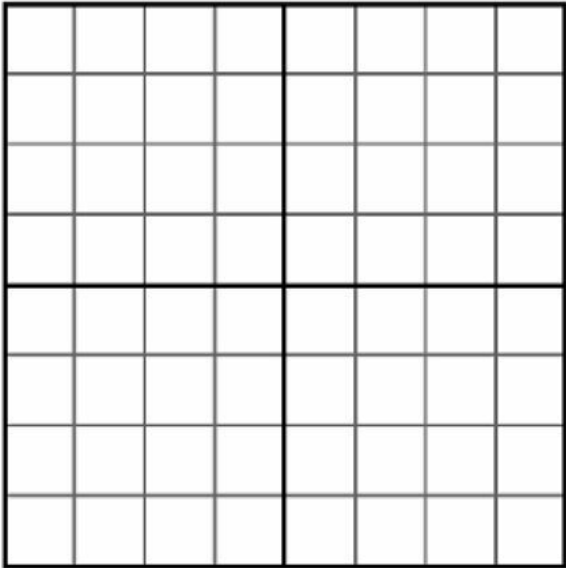
Vout VS Vin

PART2



Vout VS Vin

PART3



Vout VS Vin

3-)

