

1-)

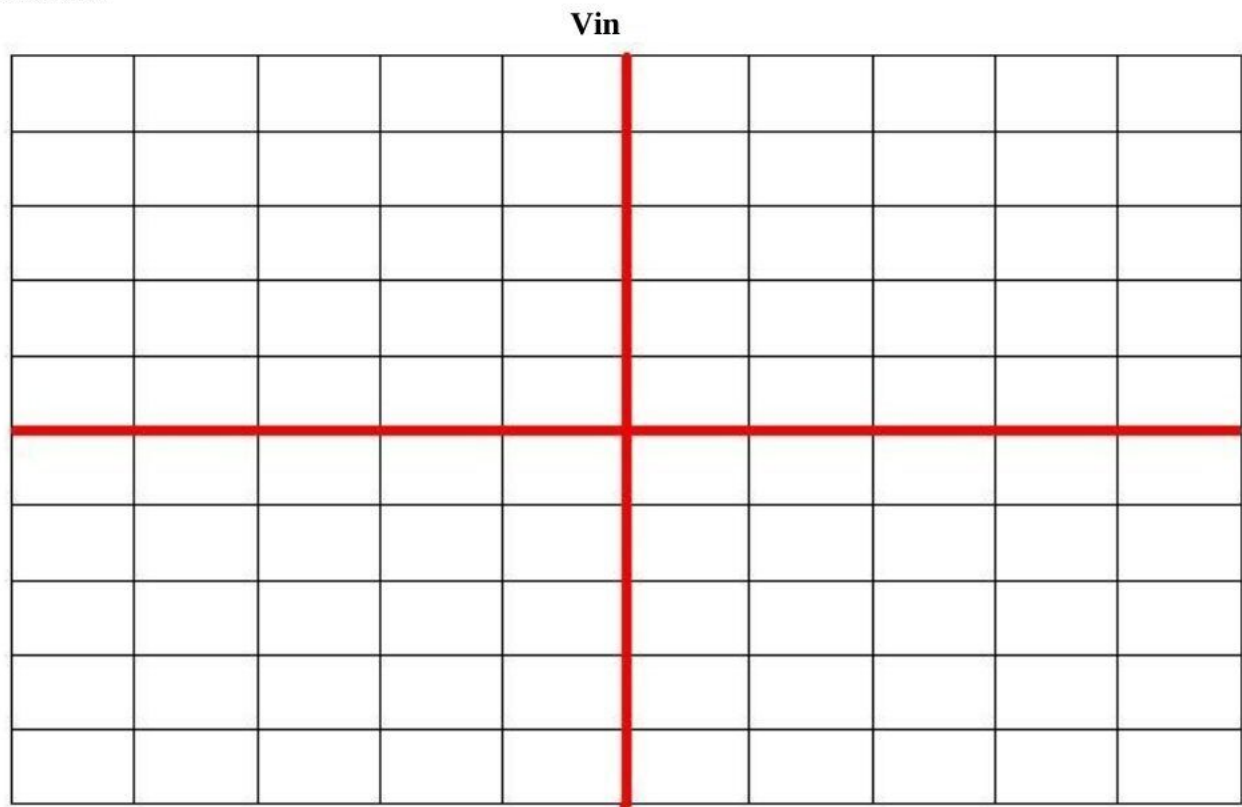
a)

Signal generator is turn off.

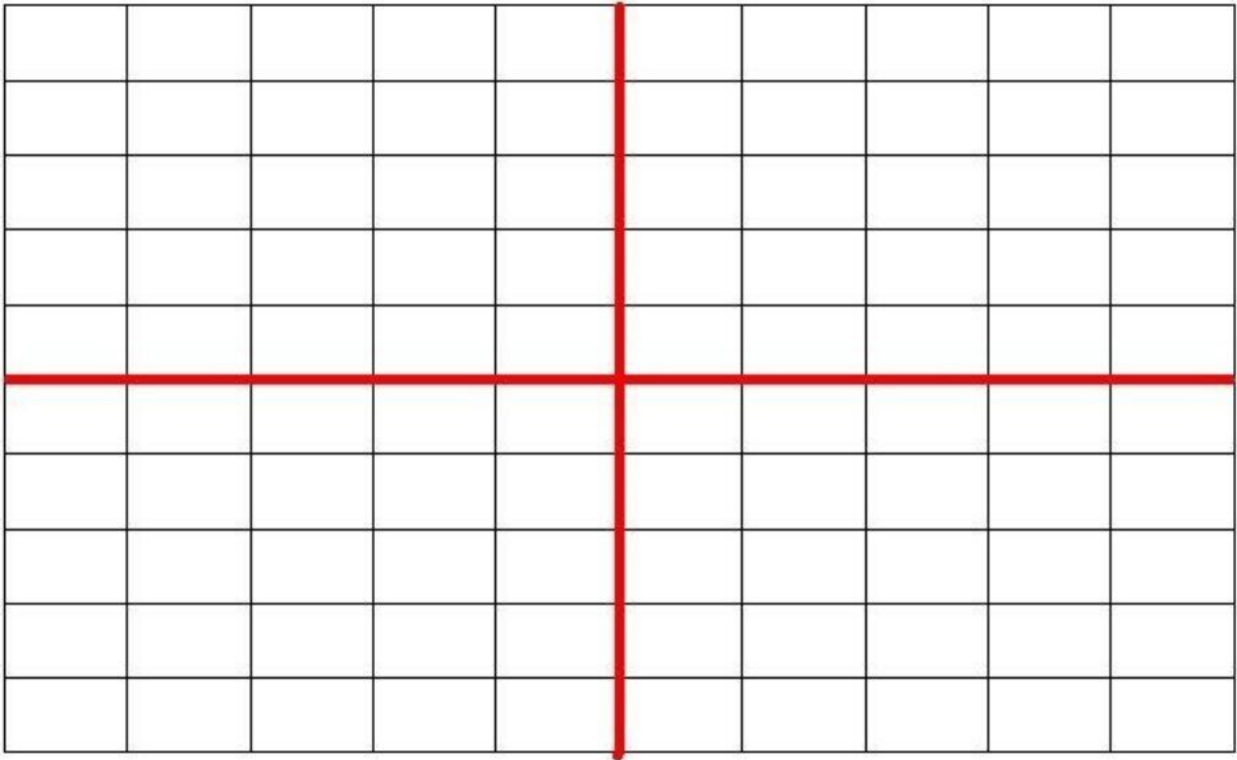
	Part1	Part2	Part3
Dc Voltage drop across the $1k\Omega$	30.91 mV	3.82	-----
Vdq	0.615 mV	0.493	-----

b) Turn on the signal generator

PART1

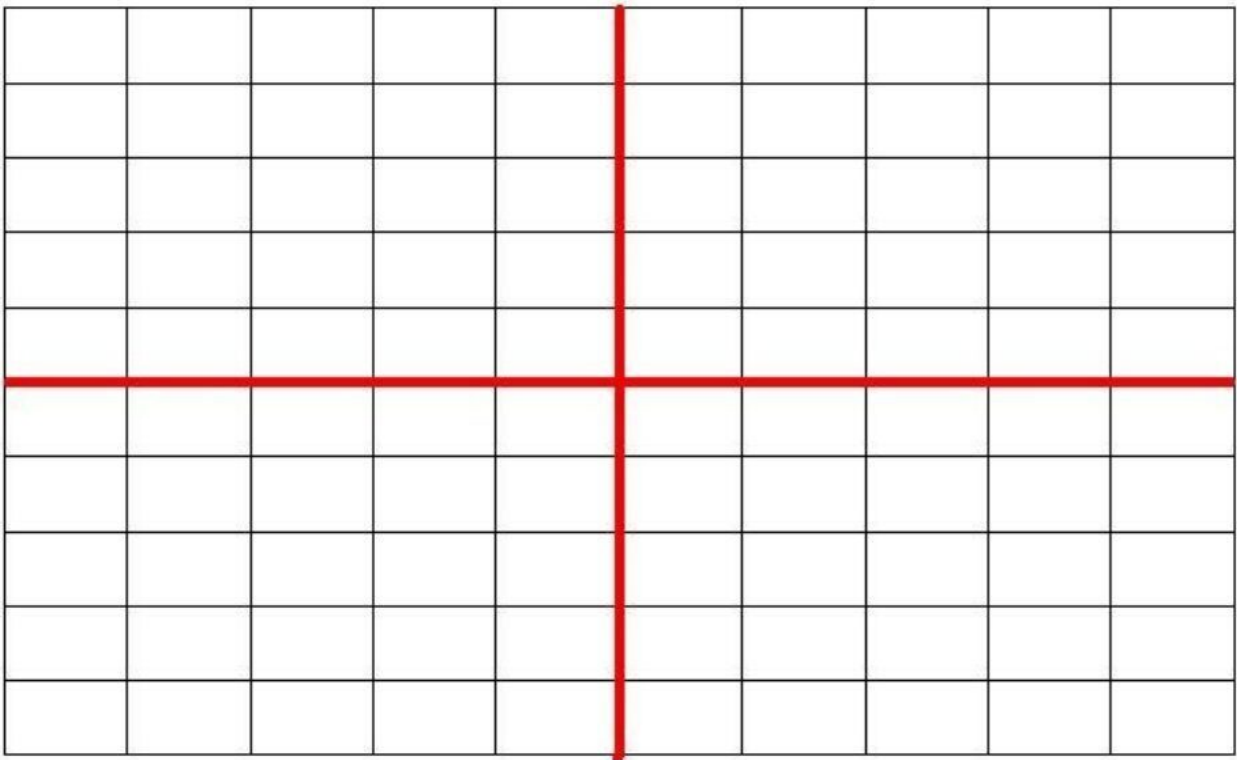


Vout

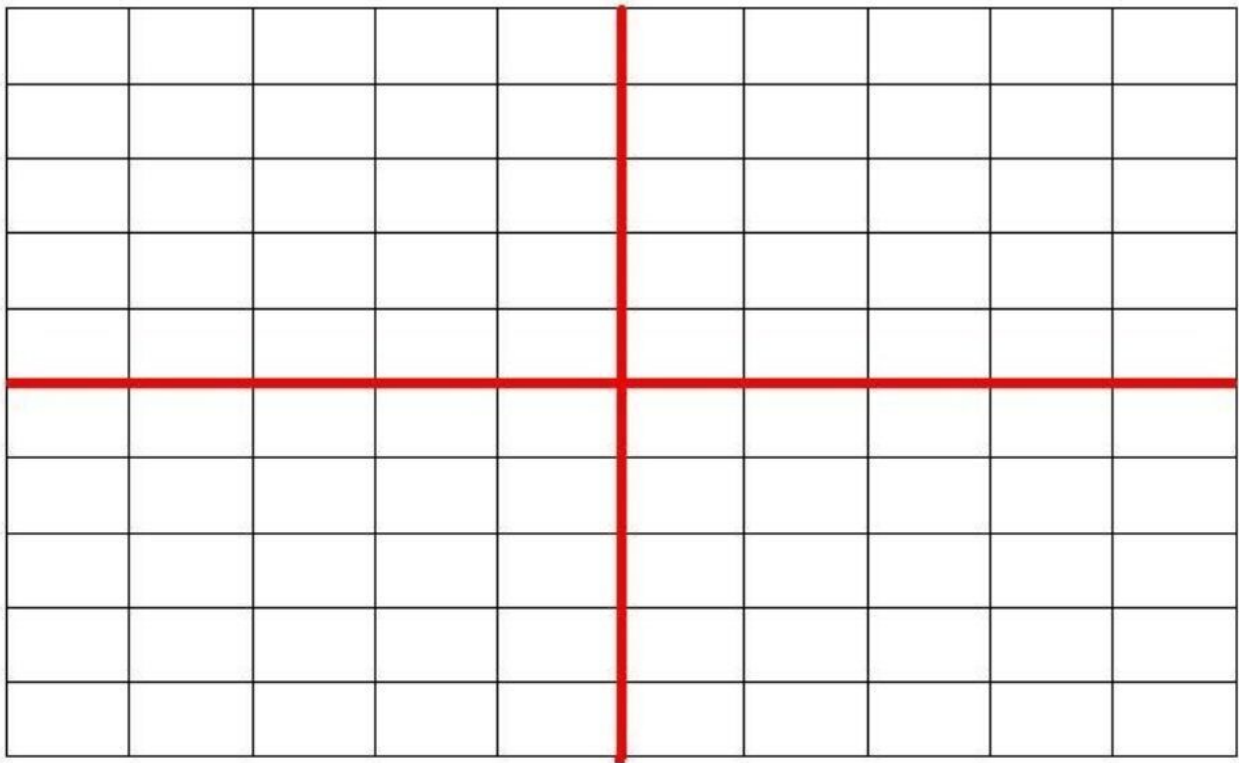


Part2

Vin



Vout



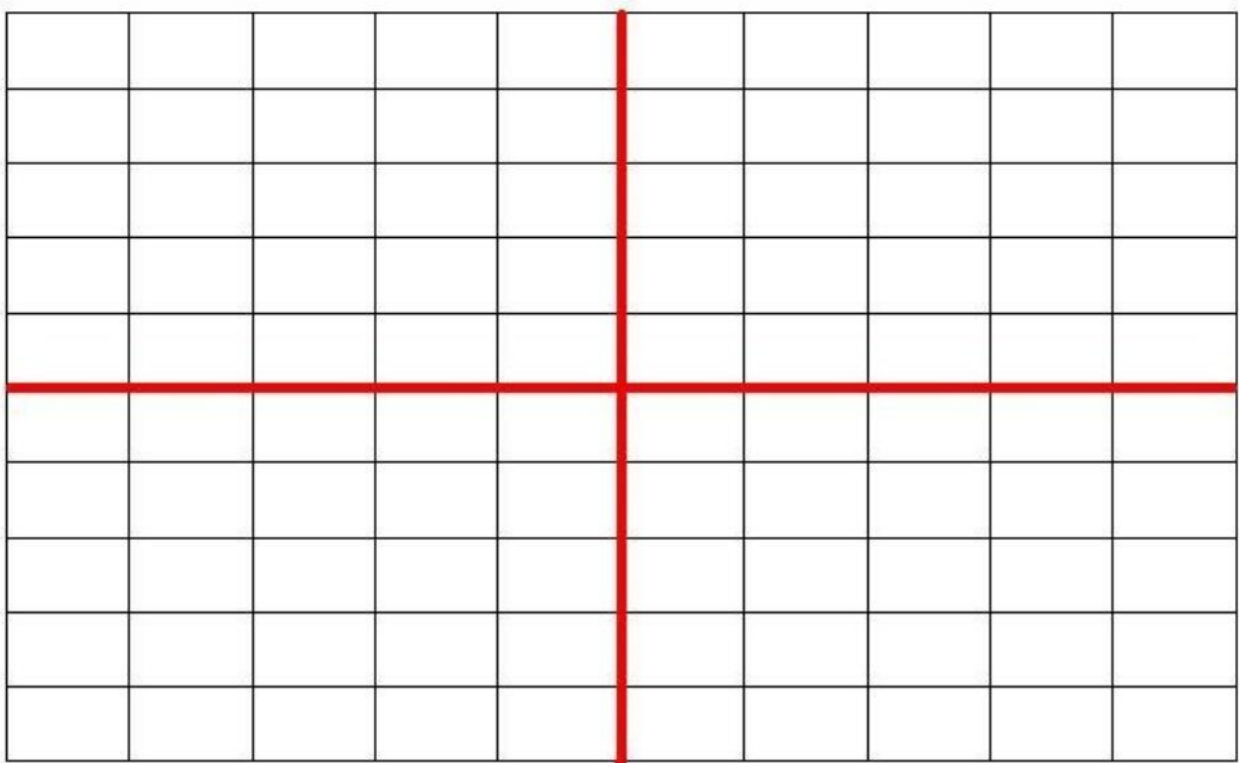
c)

	Part1	Part2	Part3
Vm	800 mV	446mV	-----

d)signal generator 100mv peak-to-peak and $v_m=59\text{mv}$

PART1

Vout&Vin



PART2

Vout & Vin

