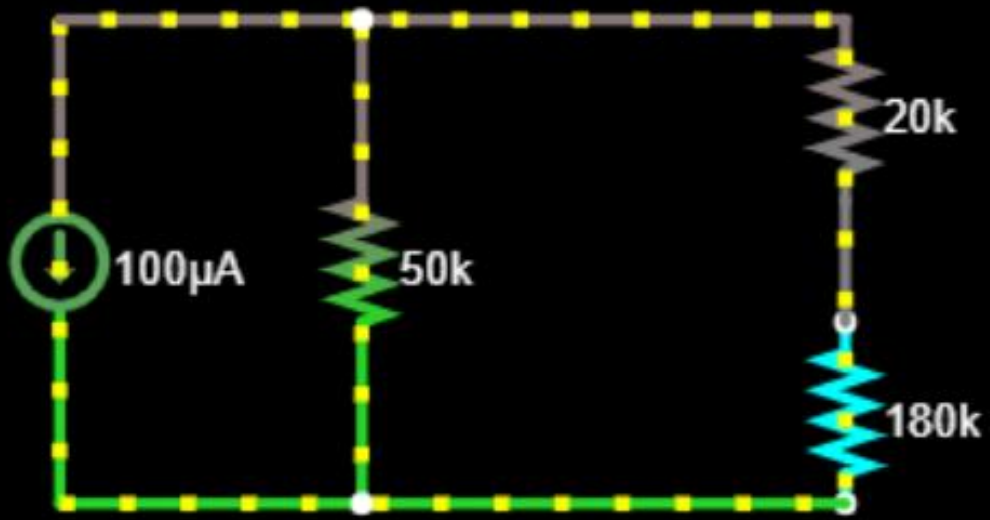
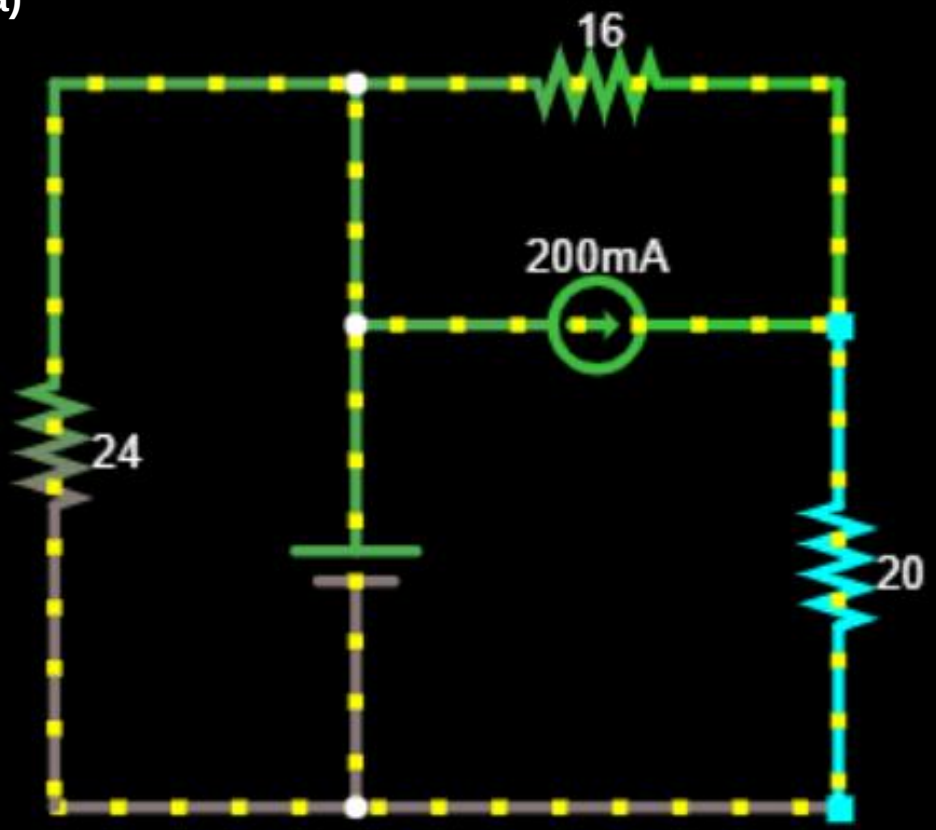
Ejercicio 1A



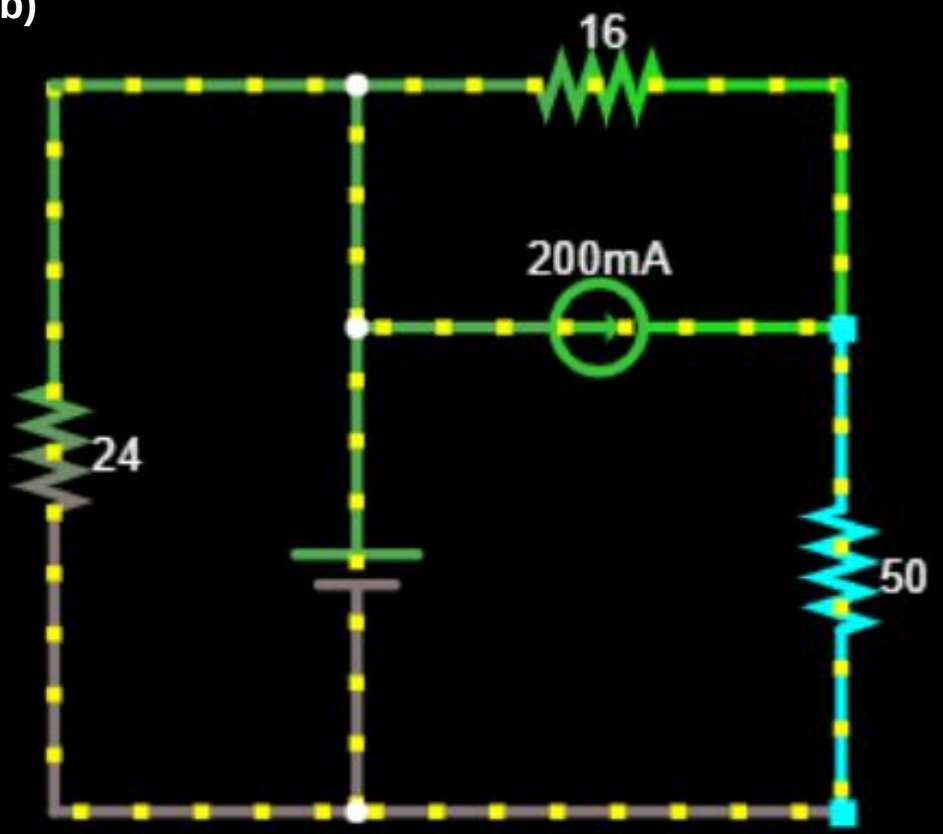
resistor
I = 20 µA
Vd = 3.6 V
R = 180 kΩ
P = 72 µW

Ejercicio 1B a)



resistor
I = 155.556 mA
Vd = 3.111 V
R = 20 Ω
P = 483.951 mW

Ejercicio 1B b)

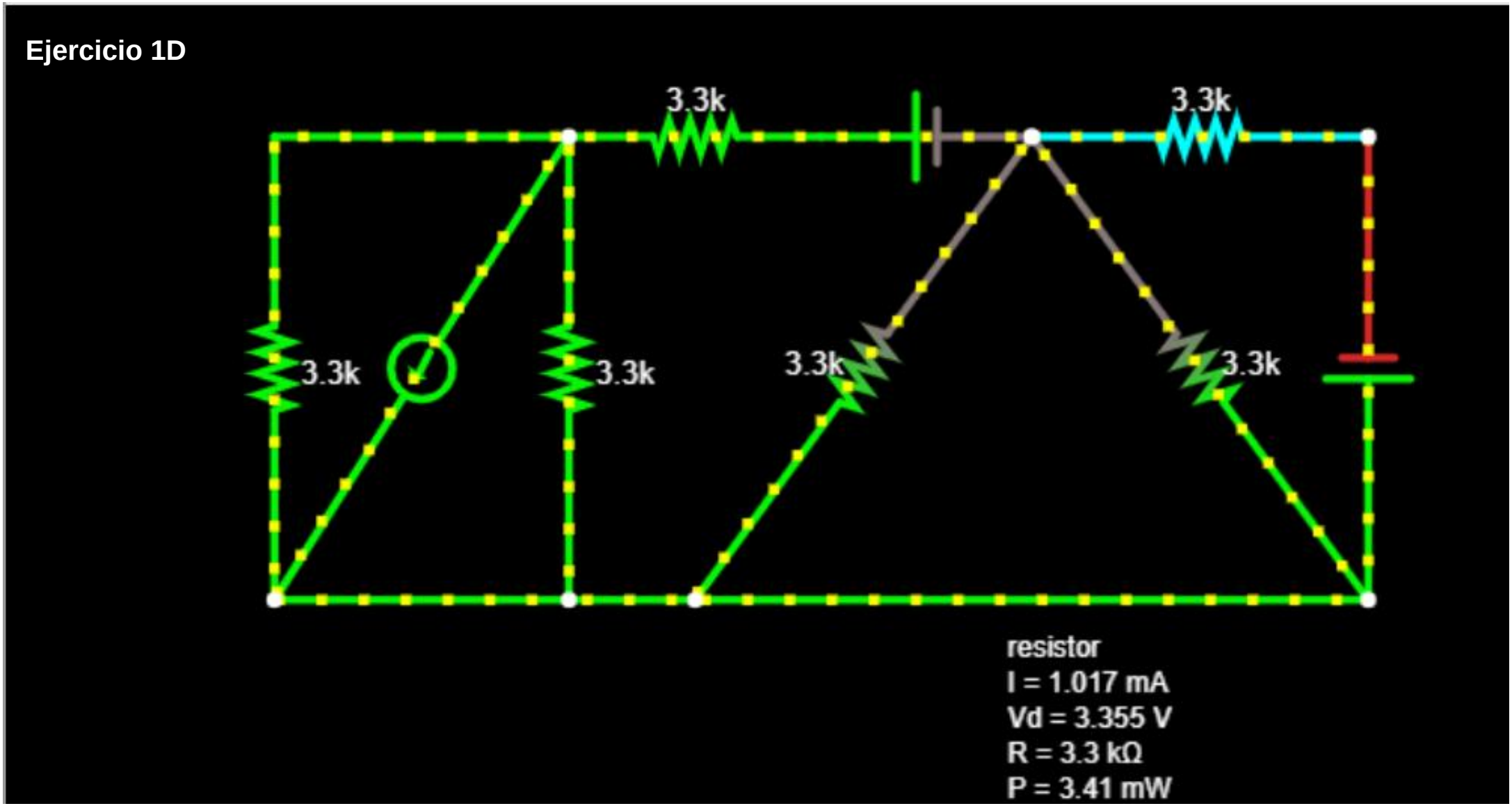


resistor
I = 84.848 mA
Vd = 4.242 V
R = 50 Ω
P = 359.963 mW

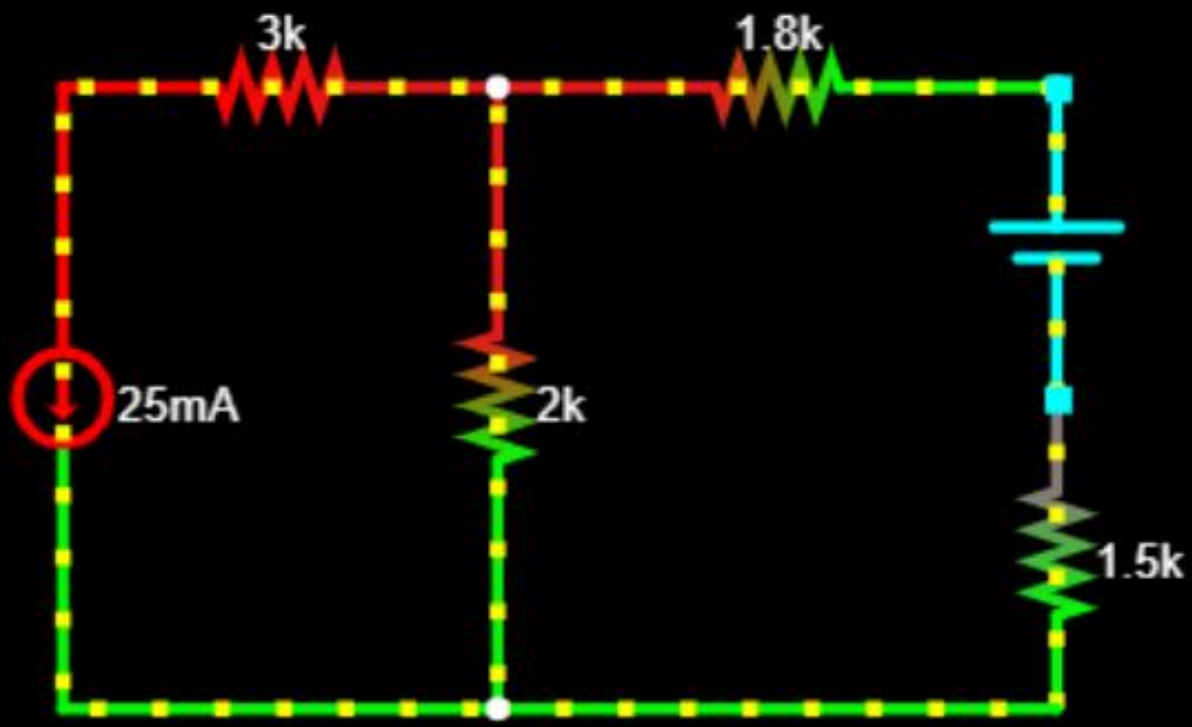
Ejercicio 1C a)

Ejercicio 1C b)

Ejercicio 1D

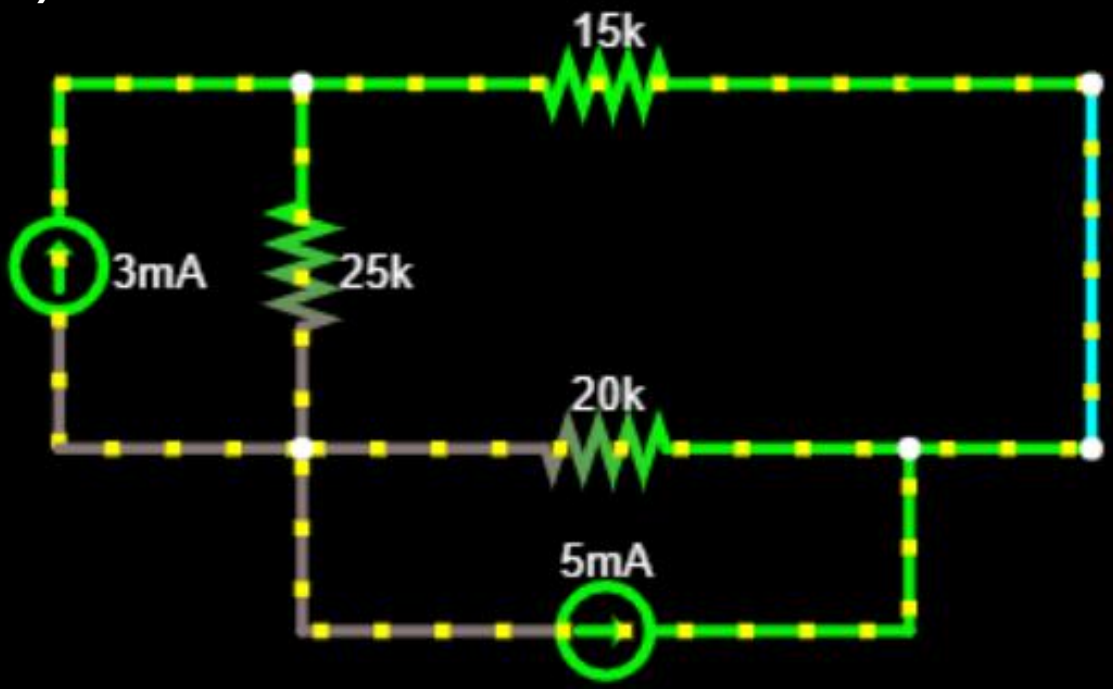


Ejercicio 1E



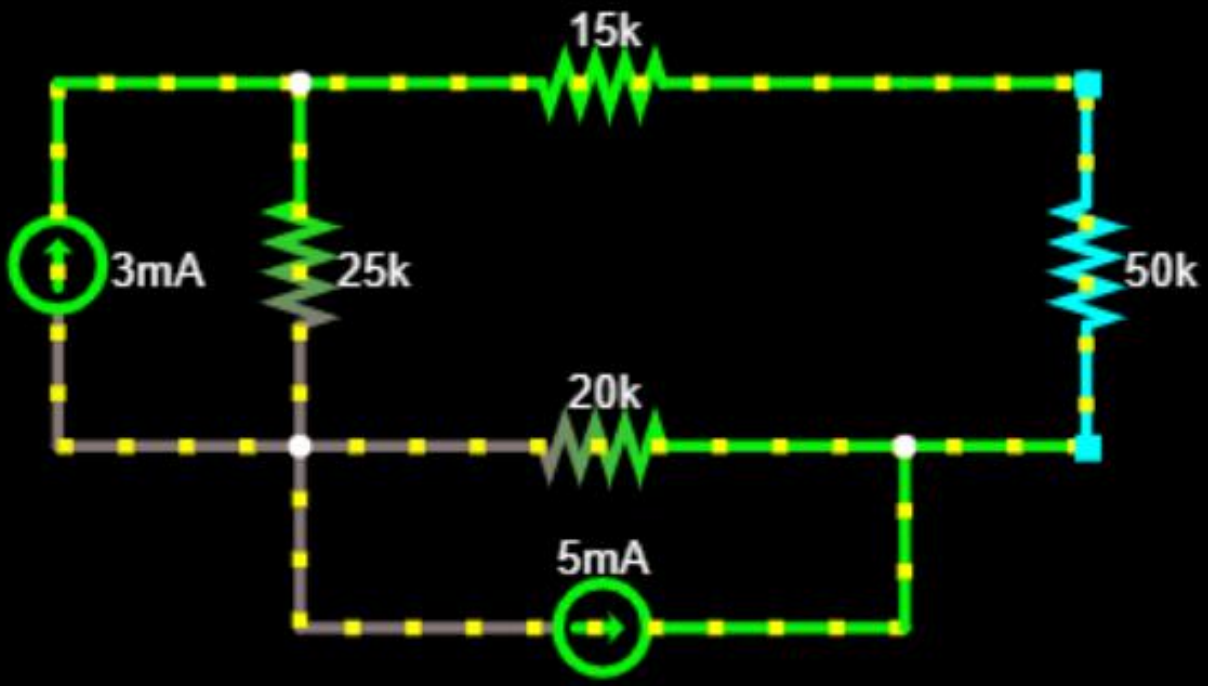
voltage source
I = 13.208 mA
Vd = 20 V
(R = 1.514 kΩ)
P = -264.151 mW

Ejercicio 1G a)



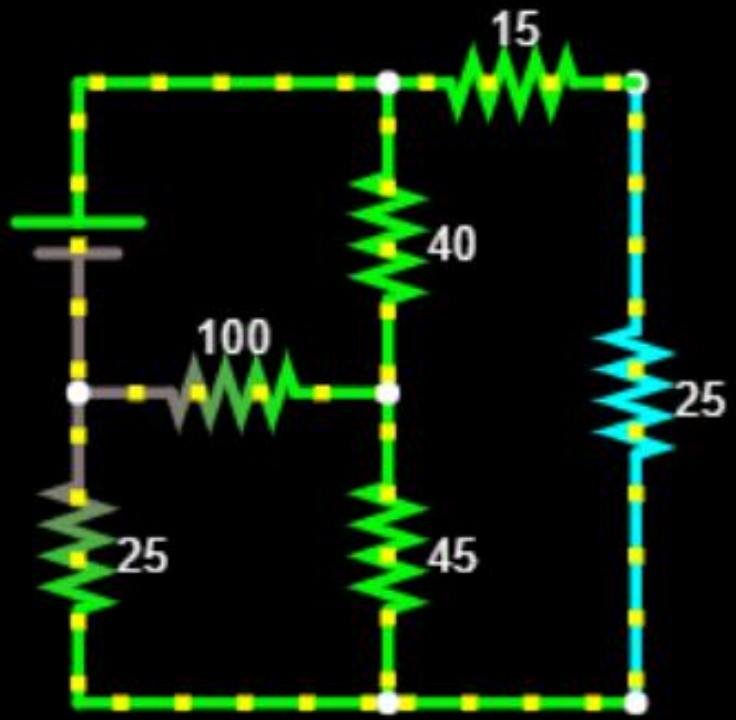
wire
I = 416.667 µA
V = 91.667 V

Ejercicio 1G b)



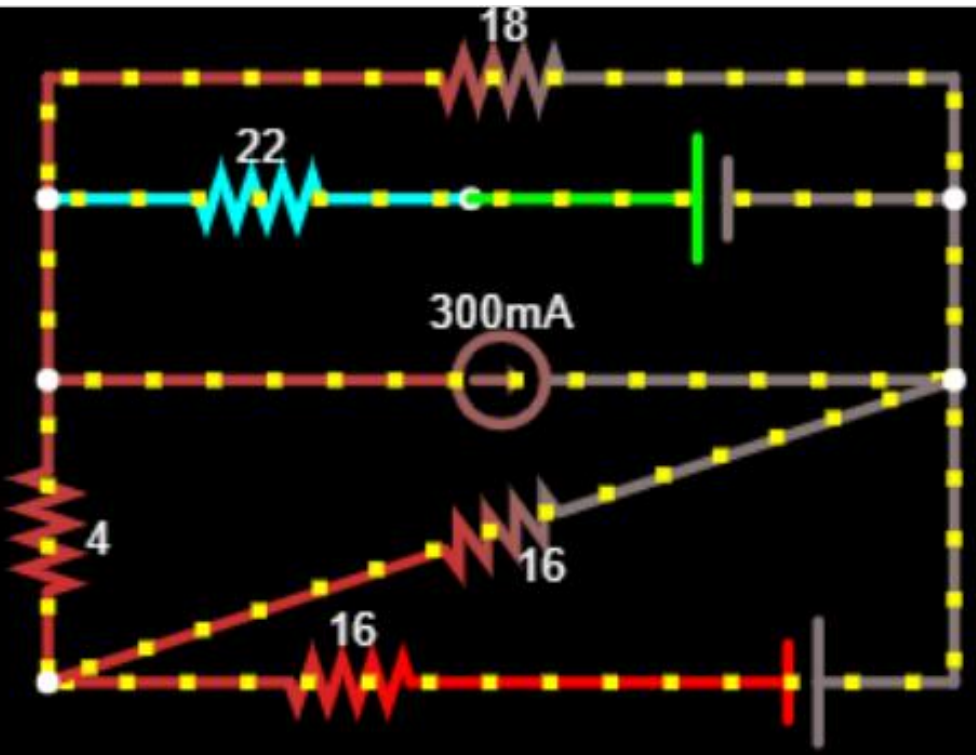
resistor
I = 227.273 µA
Vd = 11.364 V
R = 50 kΩ
P = 2.583 mW

Ejercicio 1H



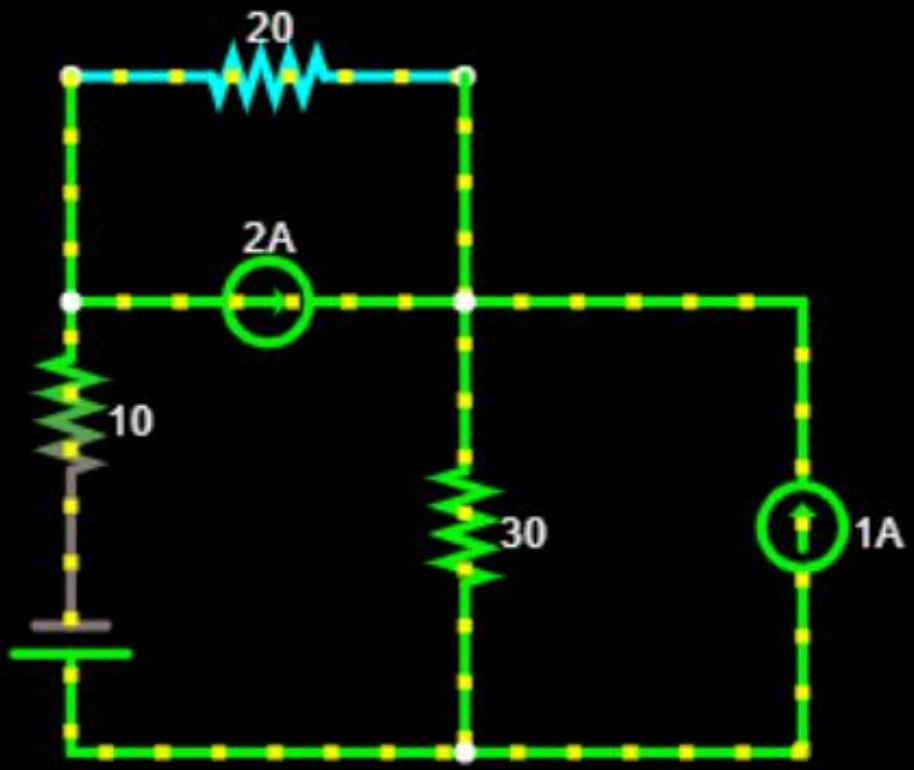
resistor
I = 223.348 mA
Vd = 5.584 V
R = 25 Ω
P = 1.247 W

Ejercicio 1i



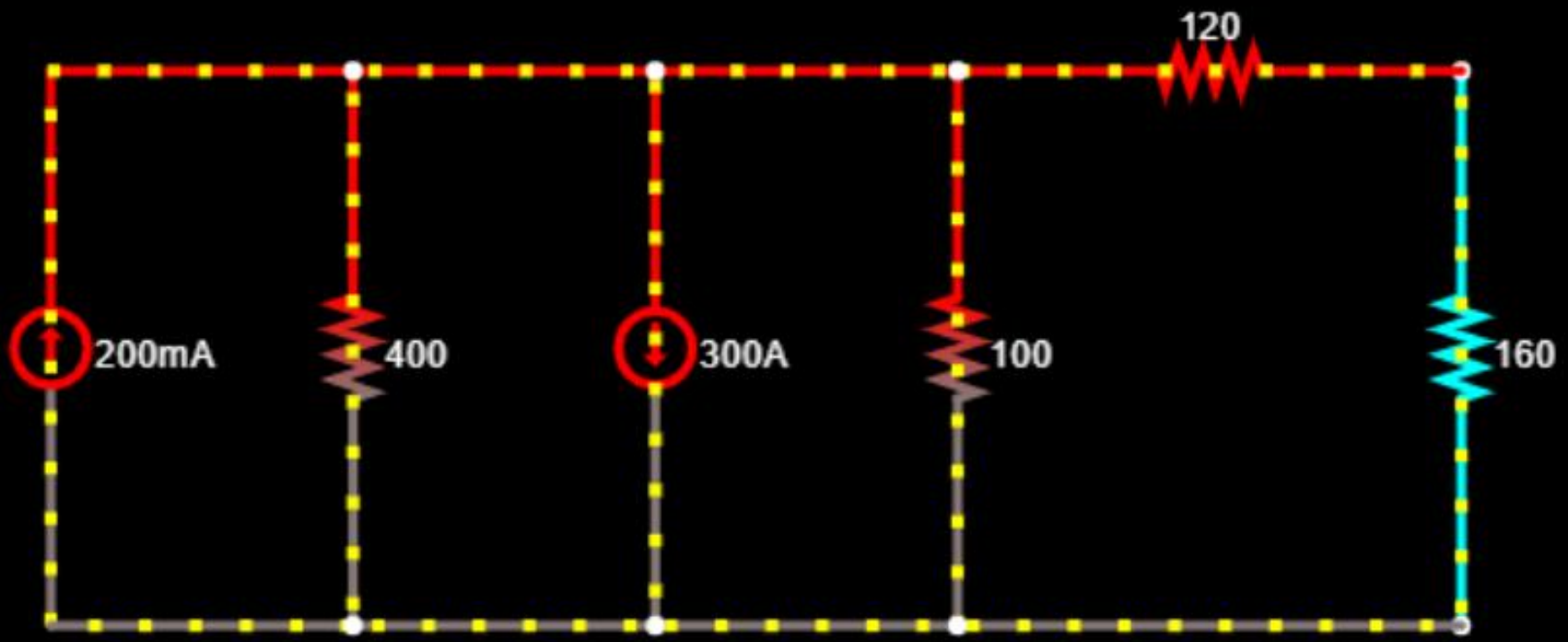
resistor
I = 327.397 mA
Vd = 7.203 V
R = 22 Ω
P = 2.358 W

Ejercicio 1J

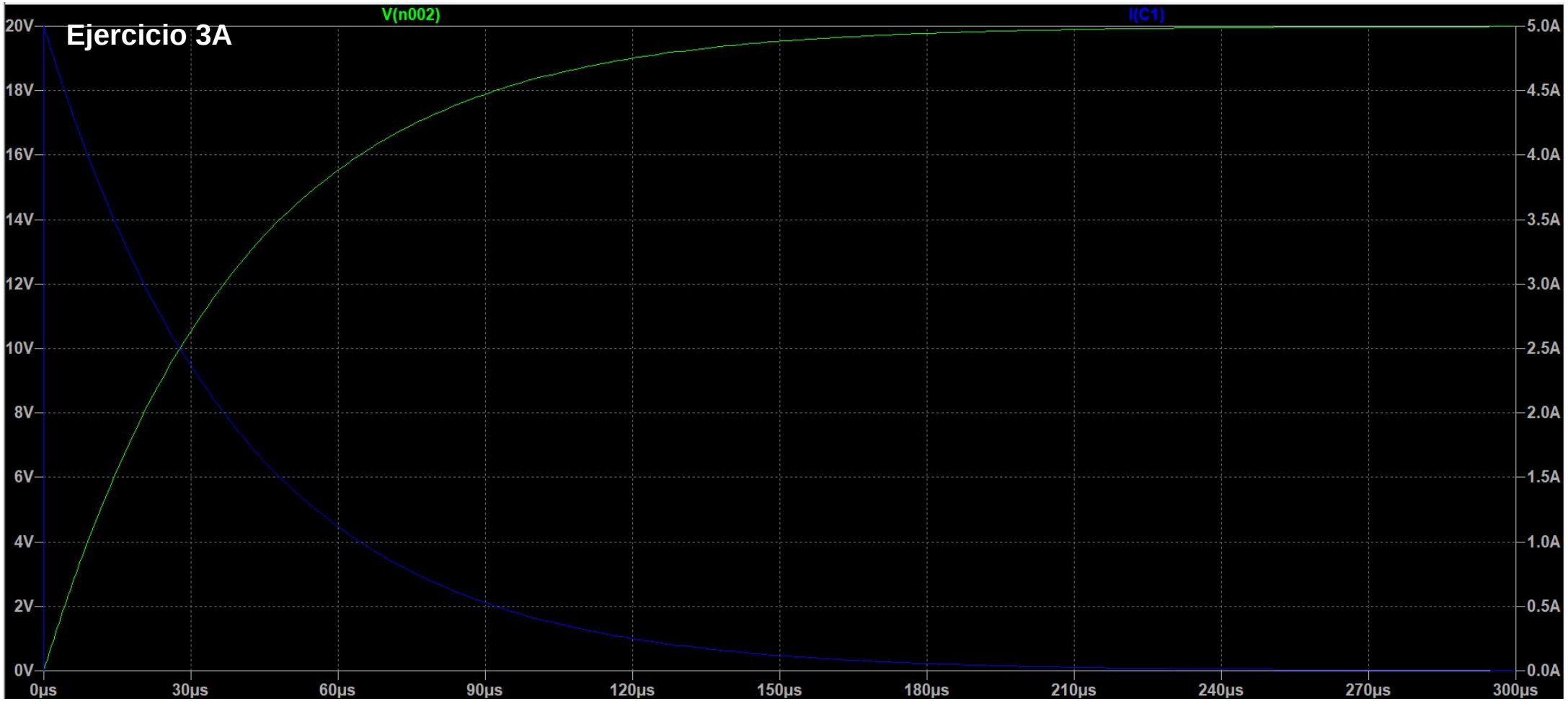


resistor
I = 2.833 A
Vd = 56.667 V
R = 20 Ω
P = 160.556 W

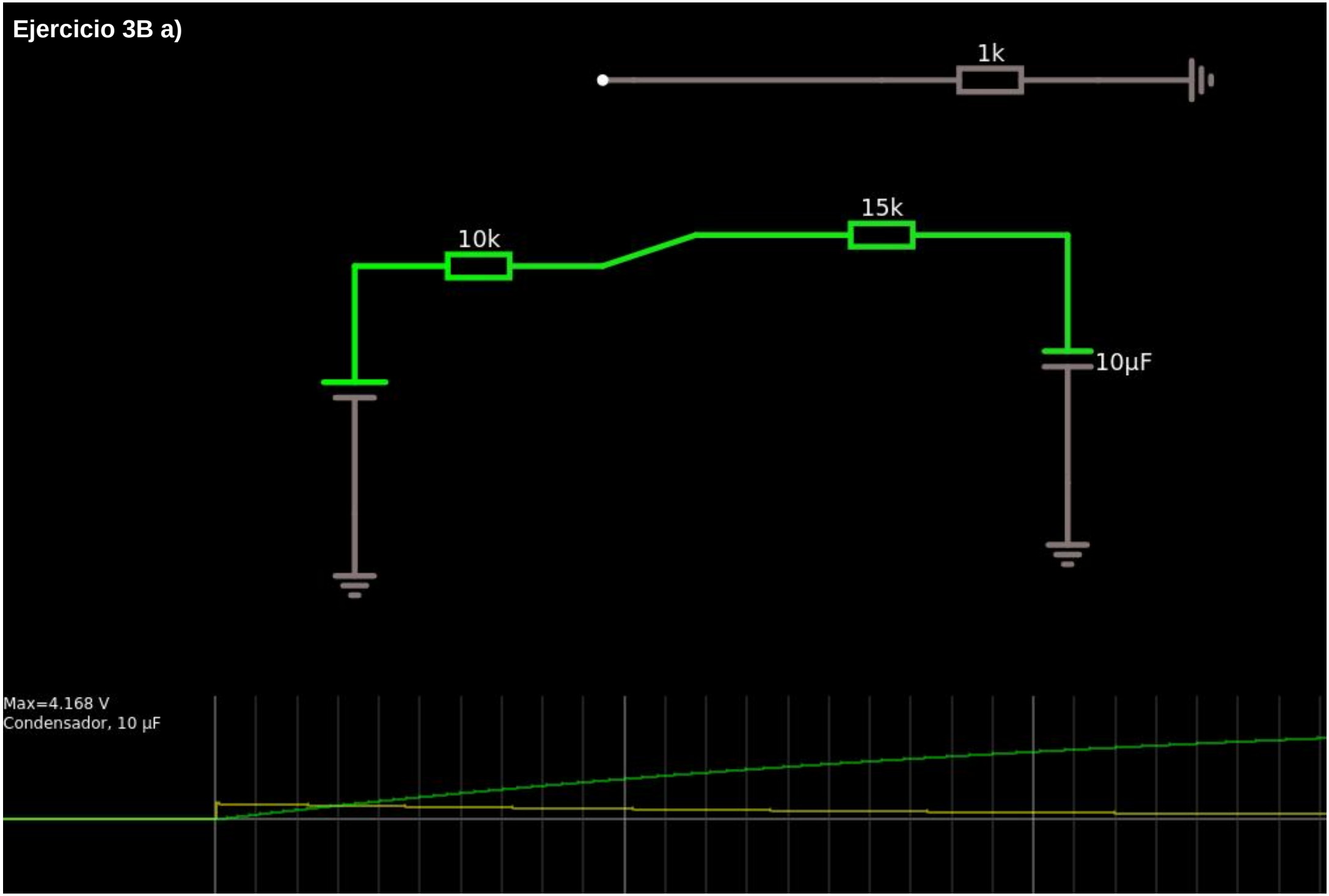
Ejercicio 1K



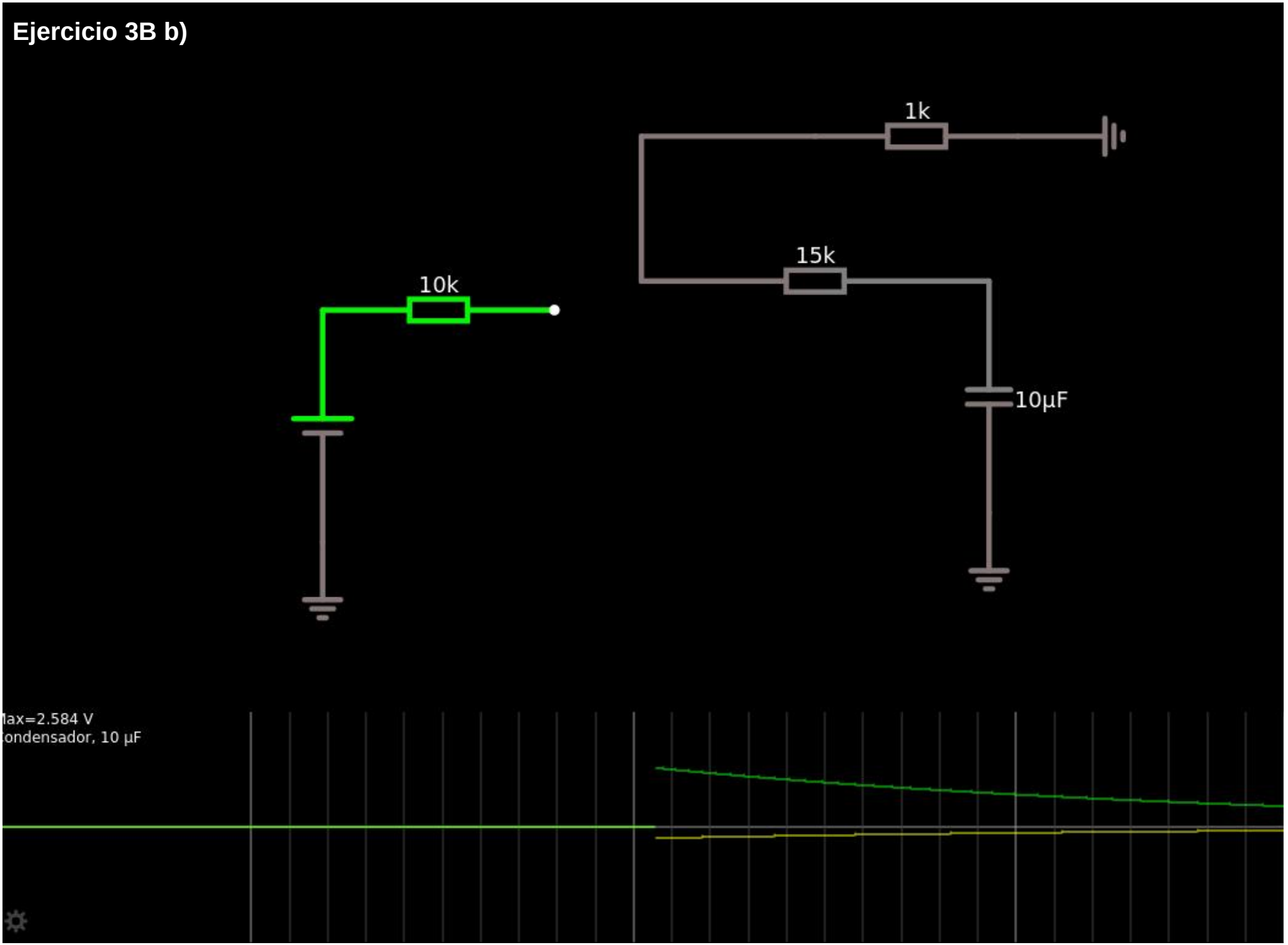
resistor
I = 66.622 A
Vd = 10.66 kV
R = 160 Ω
P = 710.163 kW

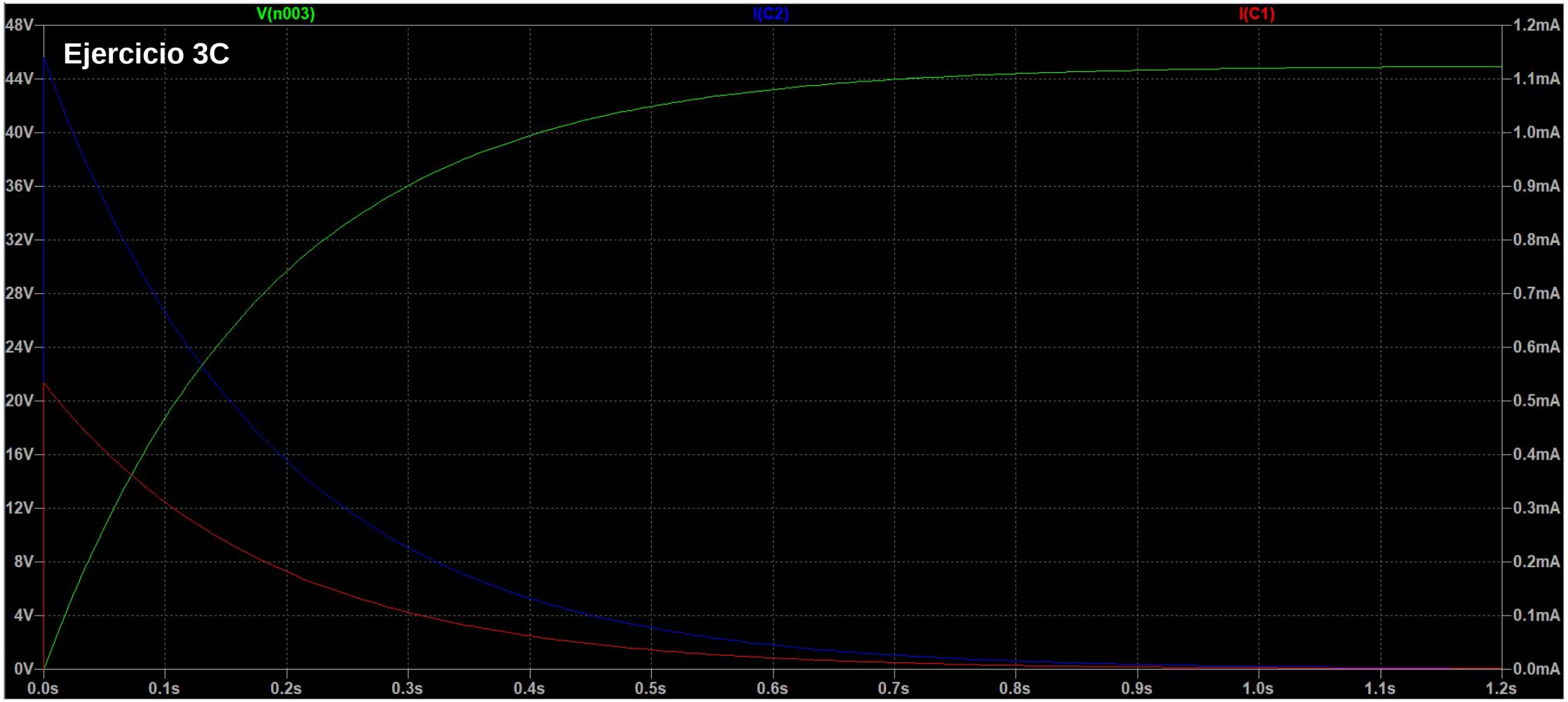

Ejercicio 3A
V(n002)
I(C1)
20V
18V
16V
14V
12V
10V
8V
6V
4V
2V
0V
5.0A
4.5A
4.0A
3.5A
3.0A
2.5A
2.0A
1.5A
1.0A
0.5A
0.0A
0µs
30µs
60µs
90µs
120µs
150µs
180µs
210µs
240µs
270µs
300µs

Ejercicio 3B a)

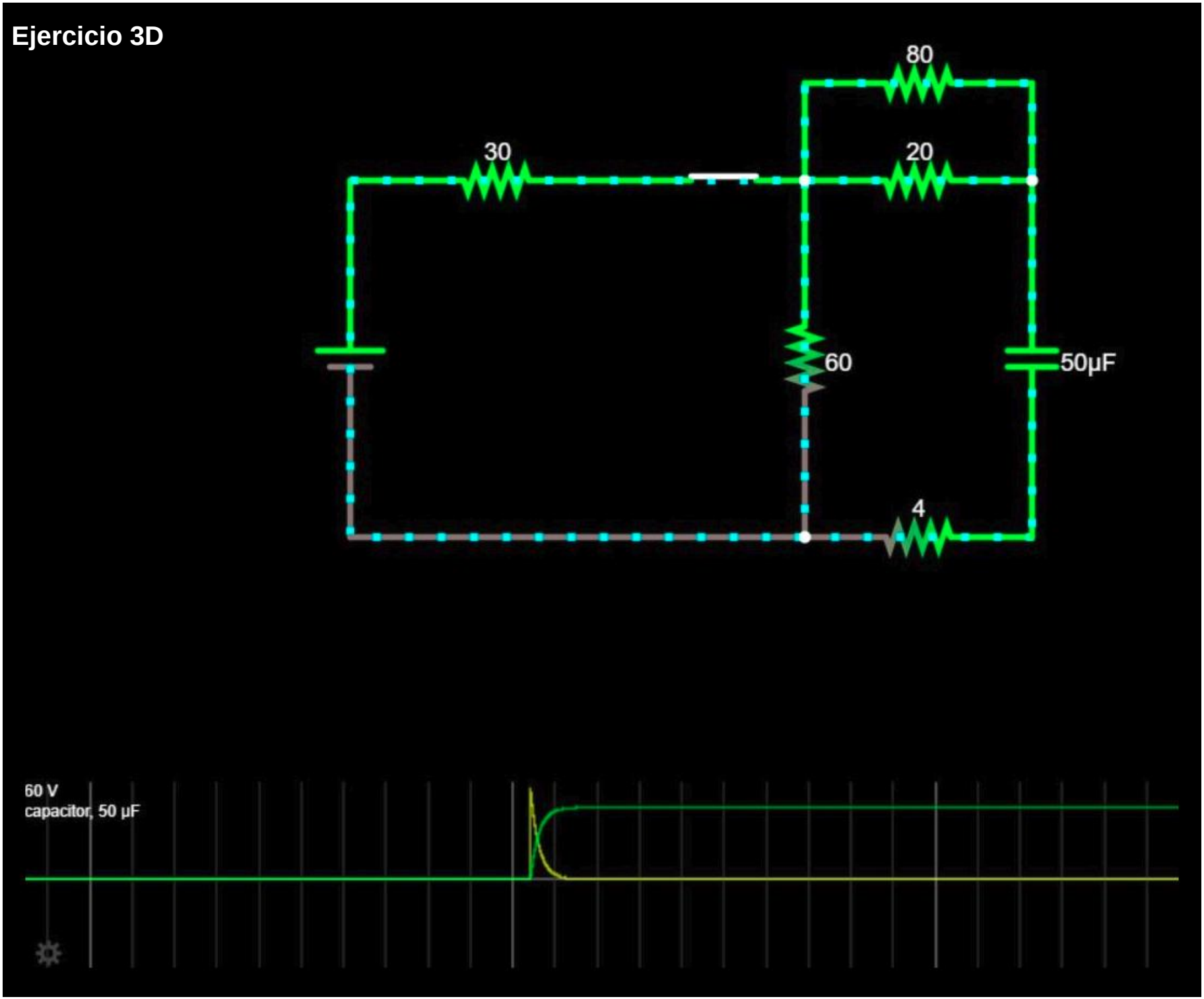


Ejercicio 3B b)




V(n003)
I(C2)
I(C1)
Ejercicio 3C
48V
44V
40V
36V
32V
28V
24V
20V
16V
12V
8V
4V
0V
1.2mA
1.1mA
1.0mA
0.9mA
0.8mA
0.7mA
0.6mA
0.5mA
0.4mA
0.3mA
0.2mA
0.1mA
0.0mA
0.0s
0.1s
0.2s
0.3s
0.4s
0.5s
0.6s
0.7s
0.8s
0.9s
1.0s
1.1s
1.2s

Ejercicio 3D



Ejercicio 3E