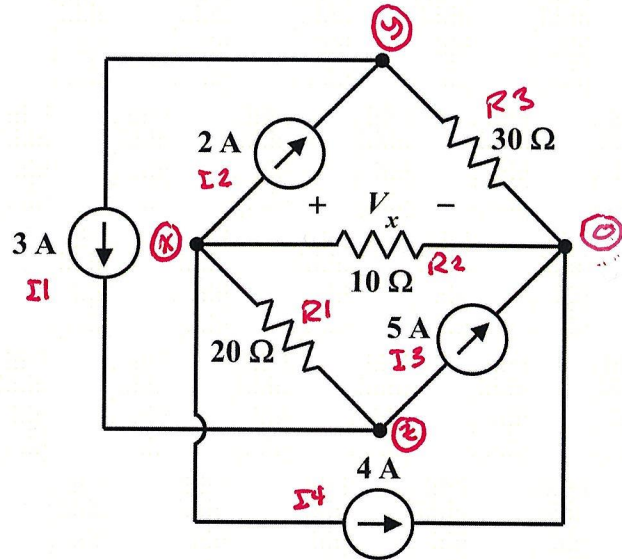


EE 2240

Homework Problem #057

Use LTspice to determine the value of V_x .



Submit a printed copy of your netlist and a printed copy of your output. Highlight the required result.

EE2240 Fall 2021 Homework Problem #057.cir

```
I1      y      z      DC      3
I2      x      y      DC      2
R3      y      0      30
R2      x      0      10
R1      x      z      20
I3      z      0      DC      5
I4      x      0      DC      4
.op
.end
```

```
--- Operating Point ---
V(y) :          -30          voltage
V(z) :          -120         voltage
V(x) :          -80          voltage ← Vx
I(I4) :           4          device_current
I(I3) :           5          device_current
I(I2) :           2          device_current
I(I1) :           3          device_current
I(R1) :           2          device_current
I(R2) :          -8          device_current
I(R3) :          -1          device_current
```