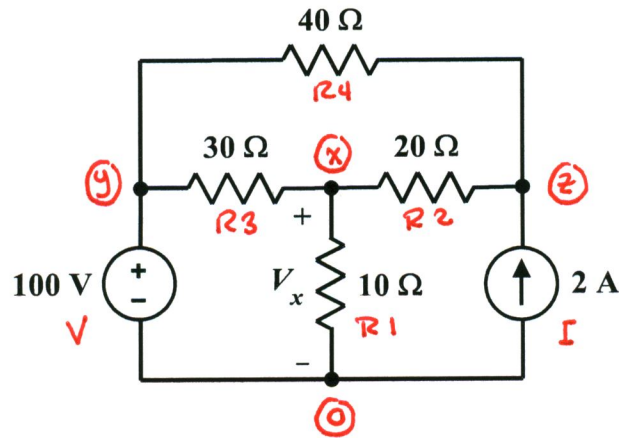


EE 2240
Problem #03

Use PSpice to determine V_x .



Problem #03

```
V      y      0      dc      100
R4     y      z      40
R3     y      x      30
R1     x      0      10
R2     x      z      20
I      0      z      dc      2
.end
```

Problem #03

```
V y 0 dc 100
R4 y z 40
R3 y x 30
R1 x 0 10
R2 x z 20
I 0 z dc 2
.end
```

**** 02/03/15 16:53:57 ***** PSpice Lite (October 2012) ***** ID# 10813 ****

Problem #03

**** CIRCUIT DESCRIPTION

```
V      y      0      dc      100
R4     y      z      40
R3     y      x      30
R1     x      0      10
R2     x      z      20
I      0      z      dc      2
.end
```

♀
**** 02/03/15 16:53:57 ***** PSpice Lite (October 2012) ***** ID# 10813 ****

Problem #03

**** SMALL SIGNAL BIAS SOLUTION TEMPERATURE = 27.000 DEG C

NODE	VOLTAGE	NODE	VOLTAGE	NODE	VOLTAGE	NODE	VOLTAGE
(x)	42.2220	(y)	100.0000	(z)	88.1480		

VOLTAGE SOURCE CURRENTS
NAME CURRENT

V -2.222E+00

TOTAL POWER DISSIPATION 2.22E+02 WATTS

JOB CONCLUDED

♀
***** 02/03/15 16:53:57 ***** PSpice Lite (October 2012) ***** ID# 10813 *****

Problem #03

***** JOB STATISTICS SUMMARY

♀
Total job time (using Solver 1) = 0.00