Electrical Problem – 31

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

$I = V/R$
$I = 10/2$
$I = 5A$
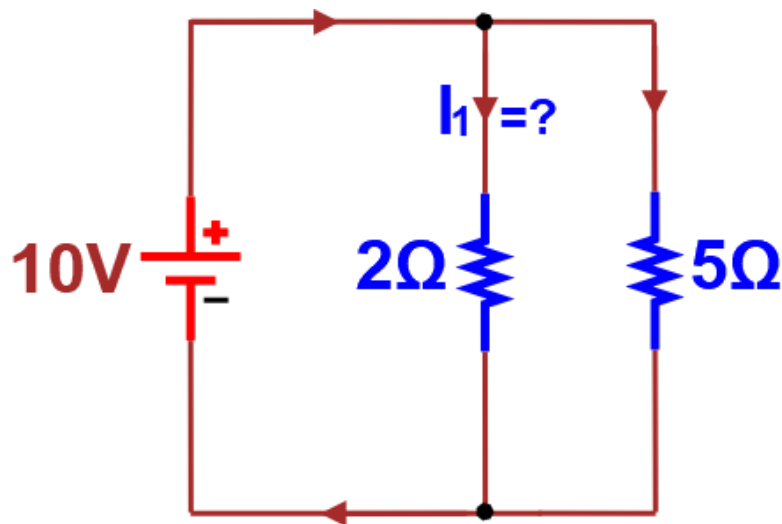
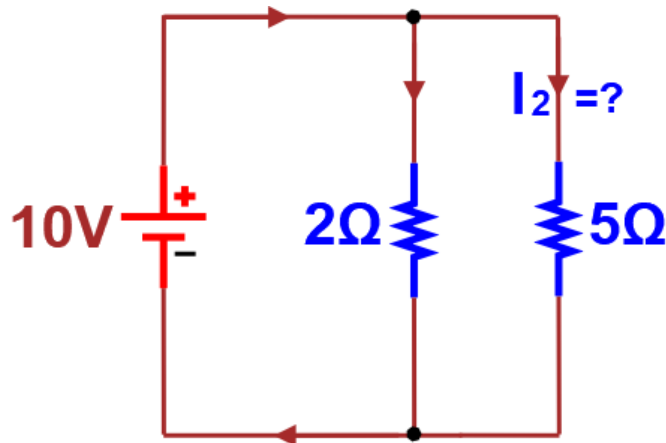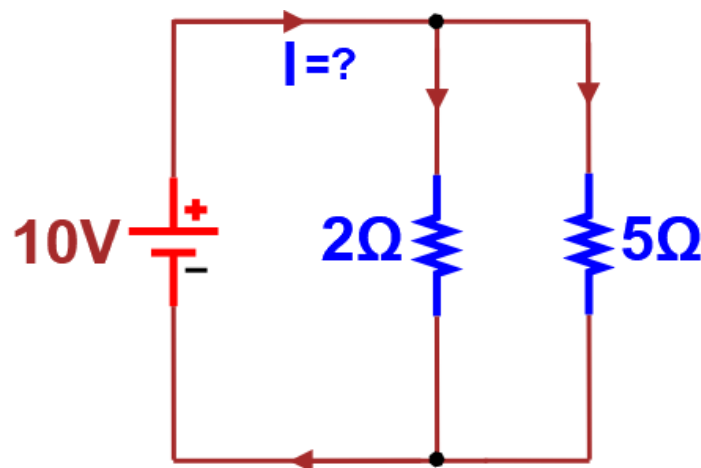# ECEN Academy

Electrical Problem – 32

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

$I_2 = ?$

10V 2Ω 5Ω

$I = V/R$

$I = 10/5$

$I = 2A$

Electrical Problem – 33

Instructions:

1. **Do not discuss with any one while solving the problems**
2. **Do not use internet while solving the problems**
3. **Do not use books while solving the problems**
4. **Do not try to copy from others**
5. **Do the problems in an easy way.**

$$I = V/R$$
$$I = 10/(10/7)$$
$$I = 7A$$

Electrical Problem – 34

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.
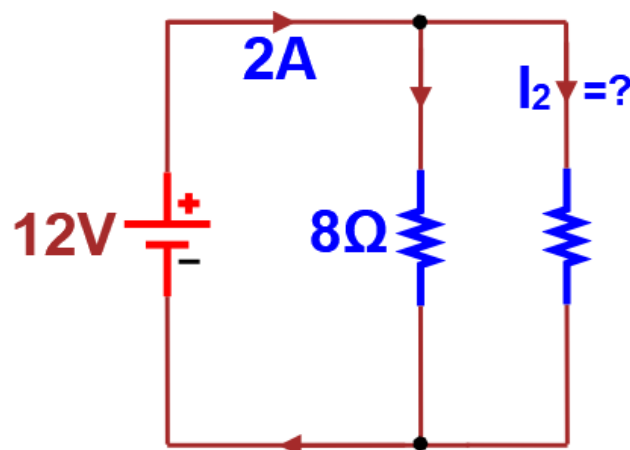
$$I = V/R$$
$$2 = 12/(8*R/8+R)$$
$$16R = 96+12R$$
$$4R = 96$$
$$R = 24$$
$$I = 12/24$$
$$I = 0.5A$$

Electrical Problem – 35

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.
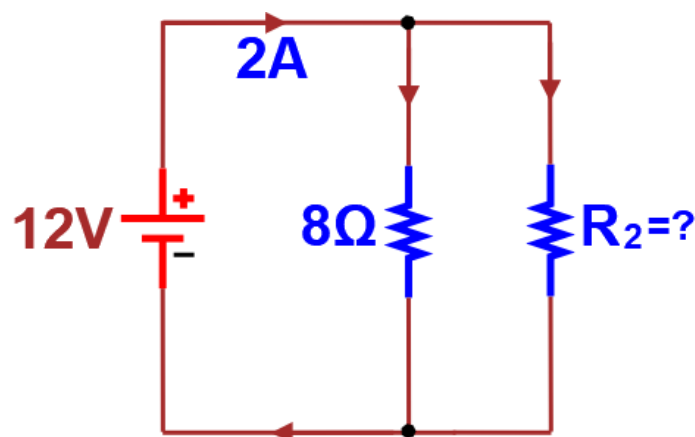
$$I = V/R$$
$$2 = 12/(8*R/8+R)$$
$$8R = 48+6R$$
$$2R = 48$$
$$R = 24\Omega$$

Electrical Problem – 36

Instructions:

1. **Do not discuss with any one while solving the problems**
2. **Do not use internet while solving the problems**
3. **Do not use books while solving the problems**
4. **Do not try to copy from others**
5. **Do the problems in an easy way.**

$$V = I*R$$
$$V = 2*2$$
$$V = 4V$$
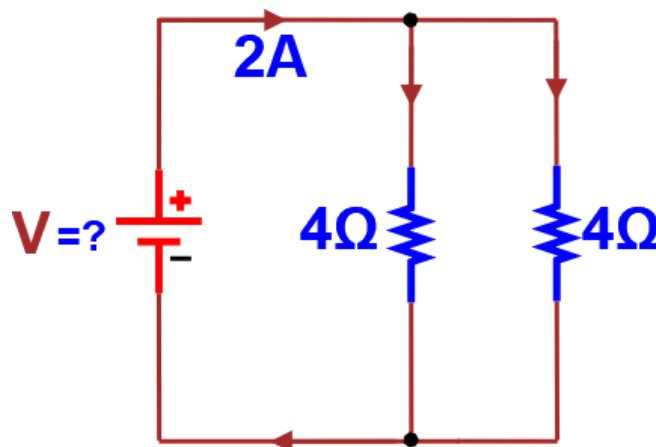
Electrical Problem – 37

Instructions:

1. **Do not discuss with any one while solving the problems**
2. **Do not use internet while solving the problems**
3. **Do not use books while solving the problems**
4. **Do not try to copy from others**
5. **Do the problems in an easy way.**

$$V = I*R$$
$$V = 20*(2*8/2+8)$$
$$V = 12.5V$$
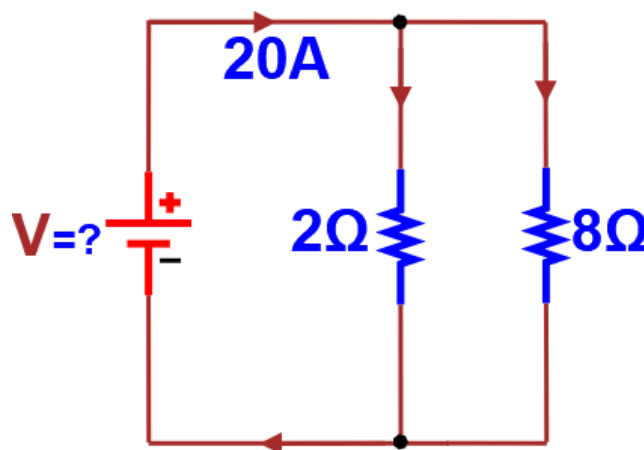
Electrical Problem – 38

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

I = V/R
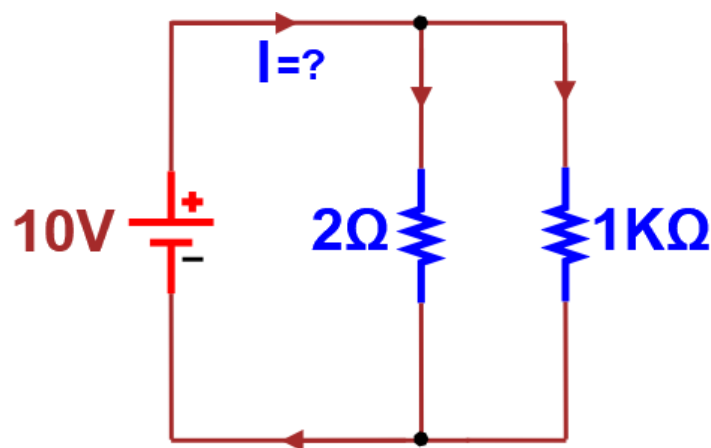
I = 10/1.996

I = 5.01A

Electrical Problem – 39

Instructions:

1. **Do not discuss with any one while solving the problems**
2. **Do not use internet while solving the problems**
3. **Do not use books while solving the problems**
4. **Do not try to copy from others**
5. **Do the problems in an easy way.**
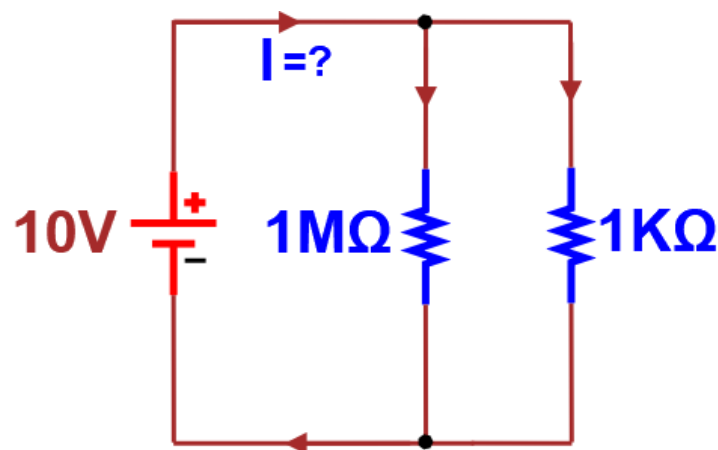
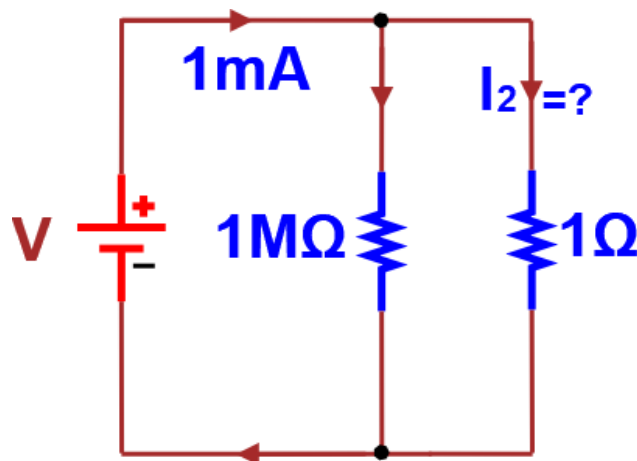$I = V/R$
$I = 10/$
$(1000000000/1001000)$
$I = 0.01A$

Electrical Problem – 40

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

$V = I*R$
$V = 0.001*1$
$V = 0.001V$
$I = V/R$
$I = 0.001/1$
$I = 1mA$