

17 Lecture - PHY301

Important Mcqs

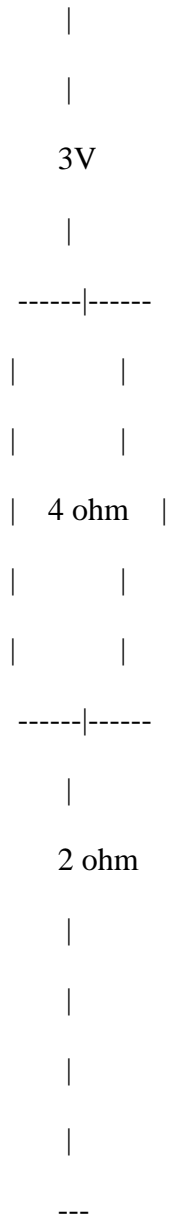
In the circuit shown below, what is the current flowing through the 6-ohm resistor?



- a) 0.25 A
- b) 0.5 A
- c) 1 A
- d) 2 A

Answer: b) 0.5 A

In the circuit shown below, what is the voltage across the 2-ohm resistor?

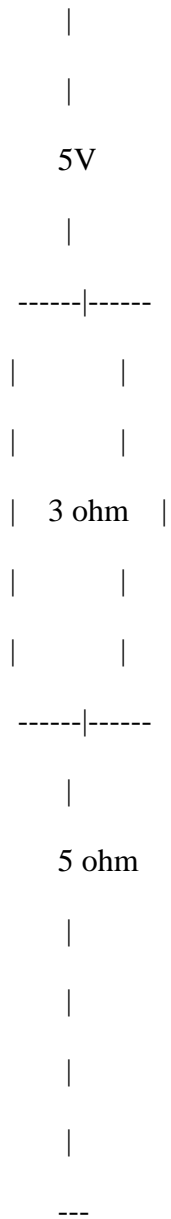


- a) 0.5 V
- b) 1 V
- c) 1.5 V
- d) 2 V

Answer: c) 1.5 V

In the circuit shown below, what is the voltage across the 5-ohm resistor?

lua



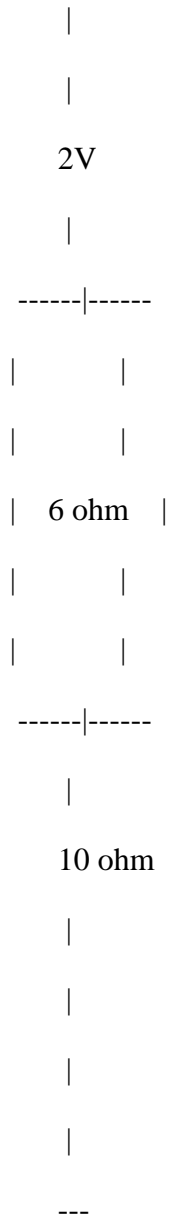
- a) 1 V
- b) 2 V
- c) 3 V
- d) 4 V

Answer: d) 4 V

In the circuit shown below, what is the current flowing through the 10-ohm resistor?

lua

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a) 0.1 A

b) 0.2 A

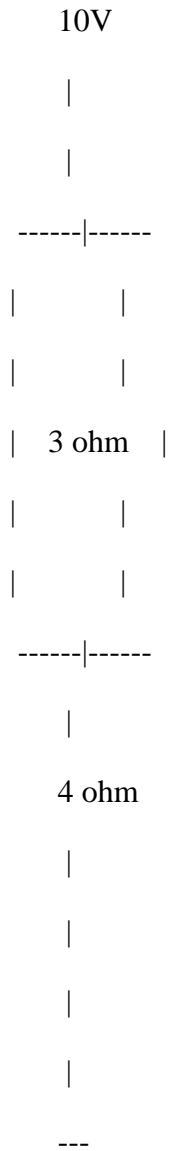
c) 0.3 A

d) 0.4 A

Answer: c) 0.3 A

In the circuit shown below, what is the voltage across the 4-ohm resistor?

lua



- a) 2 V
- b) 4 V
- c) 6 V
- d) 8 V

Answer: d) 8 V

In the circuit shown below, what is the current flowing through the 2-ohm resistor?

lua



- a) 1 A
- b) 2 A
- c) 3 A
- d) 4 A

Answer: b) 2 A

In the circuit shown below, what is the voltage across the 6-ohm resistor?

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