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Congratulations – you have completed **Ohm's Law Online Test Set 1.**

You scored **2** points out of **10** points total.

Your answers are shown below:

1. Four identical resistors are first connected in parallel and then in series. The resultant resistance of the first combination to the second will be

- **1 / 16 times**
- 1 / 4 times
- 4 times
- 16 times



2. Which of the following has negative temperature coefficient ?

- Brass
- Silver
- **Mercury**
- Electrolytes

3. Specific resistance of a substance is measured in

- ohm-cm
- **mhos**
- ohms
- cm/ohm

4. The element of electric heater is made of

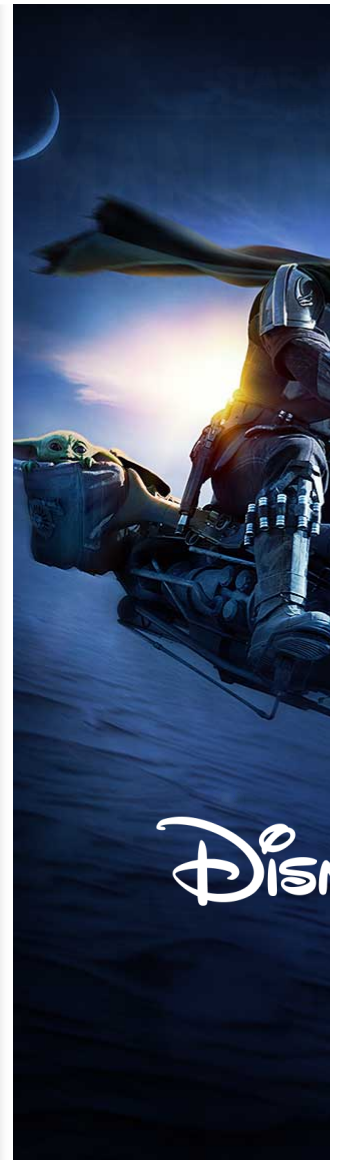
- **nichrome**
- copper
- steel
- carbon

5. A resistance of 5 ohms is further drawn so that its length becomes double. Its resistance will now be

- 5 ohms
- **7.5 ohms**
- 10 ohms
- 20 ohms

6. Three equal resistors connected in series across a source of emf together dissipate 10 watts of power. What would be the power dissipated in the same resistors when they are connected in parallel across the same source of emf?

- **10 watts**



- 30 watts
- 90 watts
- 270 watts

7. Which of the following bulbs will have the least resistance ?

- 115 V, 60 W
- 115 V, 100 W
- 220 V, 60 W
- **220 V, 100 W**

8. The resistance of a 100 W, 200 V lamp is

- 100 ohm
- **200 ohm**
- 400 ohm
- 1600 ohm

9. The ratio of the resistance of a 100 W, 220 V lamp to that of a 100 W, 110 V lamp will be nearly

- 1 / 4
- 1 / 2
- **2**
- 4

10. The element of electric heater is made of

- carbon
 - nichrome
 - **copper**
 - steel
-

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Sai

NOVEMBER 23, 2016 AT 9:06 AM

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**M BHASKARA CHARY**AUGUST 27, 2016 AT 5:06 AM

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**Elayaraja**AUGUST 26, 2016 AT 12:47 PM

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mothe.shiva

MARCH 23, 2016 AT 5:51 AM

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