مدرسة سانت ميري الثانوية الخاصة ذ.م.م رأس الخيمة
St. Mary Private High School LLC Ras Al Khaimah

Year: 9
Subject: Science
Topic: Resistance
Due date:

SCIENCE WORKSHEET

1.What voltage do you need to make a 4 A current flow around a circuit with a resistance of 10 Ω?

voltage = current × -------

=--------- ×--------

= ------V

Voltage = Current x Resistance

2. What is the resistance of a bulb when the voltage across it is 6 V and the current is 0.2 A?

Resistance = ---------- / ----------

= ---------- V

You can use these formulae to calculate voltage, current or resistance.

voltage = current × resistance

$\text{resistance} = \frac{\text{voltage}}{\text{current}}$

$\text{current} = \frac{\text{voltage}}{\text{resistance}}$

LIVEWORKSHEETS