
Worksheet: Electricity: Magnetic and Heating Effects

IGCSE · Class 8 · Science · 4 questions · 10 marks

Name: _____

Date: _____

Score: _____ / 10

Q1. Which physicist discovered the magnetic effect of current? *[1 mark]*

Q2. Name the safety device that melts to break a circuit when current is too high. *[1 mark]*

Q3. Explain how an electromagnet works and how to make a strong one. *[3 marks]*

Q4. A home is wired so all appliances are in parallel. Explain why parallel is preferred over series for home wiring, and discuss safety devices used. *[5 marks]*
