

Units

Edexcel International GCSE Physics · Electricity

A · Multiple choice — put a tick (✓) in the correct box

1 Which of these is the unit of electric charge?

☐ A ampere (A)

☐ B coulomb (C)

☐ C volt (V)

☐ D ohm (Ω)

2 Which quantity is measured in ohms (Ω)?

☐ A current

☐ B voltage

☐ C resistance

☐ D power

B · Units of electricity

Complete the table (the first row is done for you)

	Quantity	Unit	Unit in other units
e.g.	Current	A	C/s
	Charge		
	Voltage		
	Energy		
	Resistance		
	Time		
	Power		

Draw a line to link each dimension to its unit

Power

V

Voltage

W

Current

A

C · Write the missing unit (use symbols, e.g. Ω)

1 The current is 2.3 _____

2 The charge that flows is 12 _____

3 The energy transferred is 450 _____

4 The resistance of the wire is 8.0 _____

5 The lamp is switched on for 30 _____

6 The voltage across the cell is 1.5 _____

7 The power of the heater is 24 _____