

35 The potential difference across a resistor is 12V. The current in the resistor is 2.0A.

4.0 C passes through the resistor.

What is the energy transferred and the time taken?

	energy/J	time/s
A	3.0	2.0
B	3.0	8.0
C	48	2.0
D	48	8.0

36 A thermistor and another component are connected to a constant voltage supply. A voltmeter is