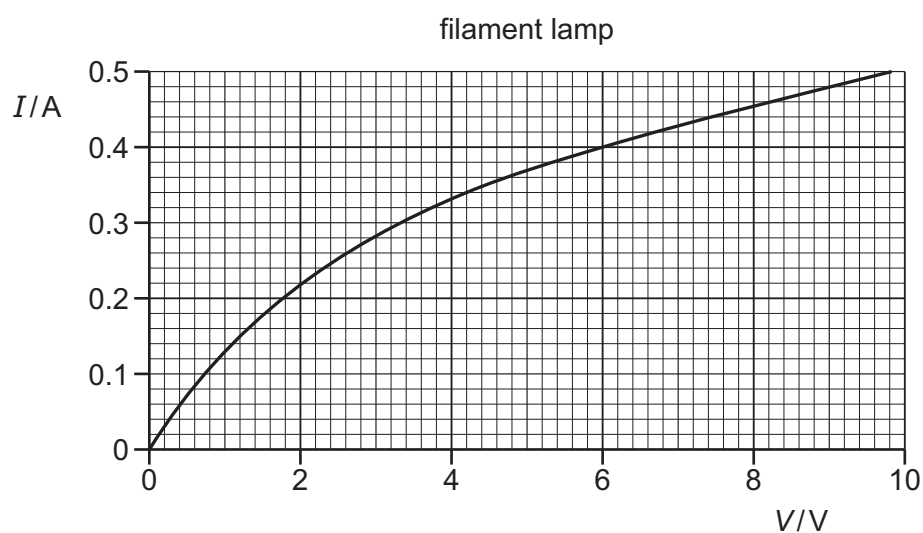
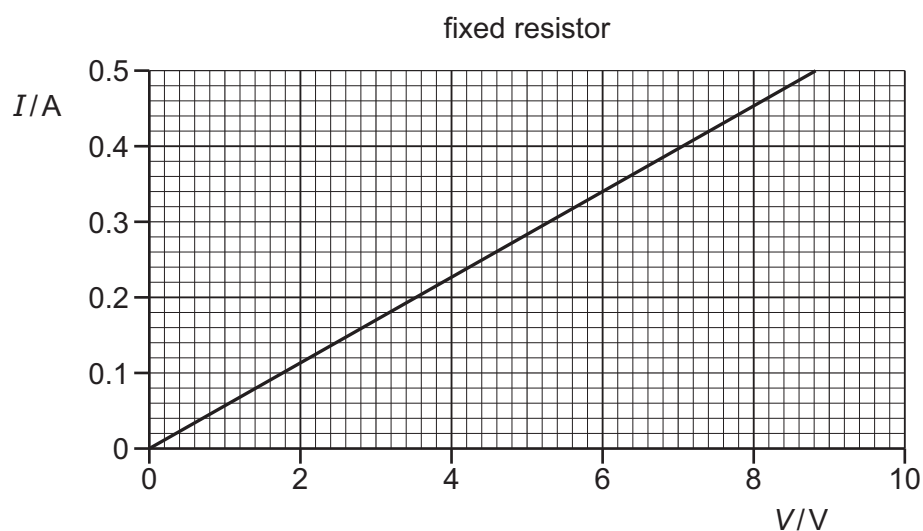


**34** A fixed resistor and a filament lamp are connected in series to a power supply.

The  $I$ – $V$  characteristics for the two components are shown.



The current in the fixed resistor is 0.34 A.

What is the resistance of the filament lamp?

- A**  $0.081\ \Omega$       **B**  $12\ \Omega$       **C**  $15\ \Omega$       **D**  $18\ \Omega$