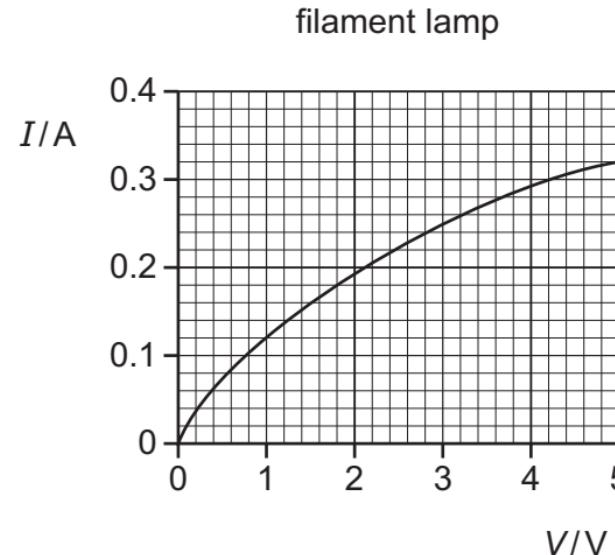
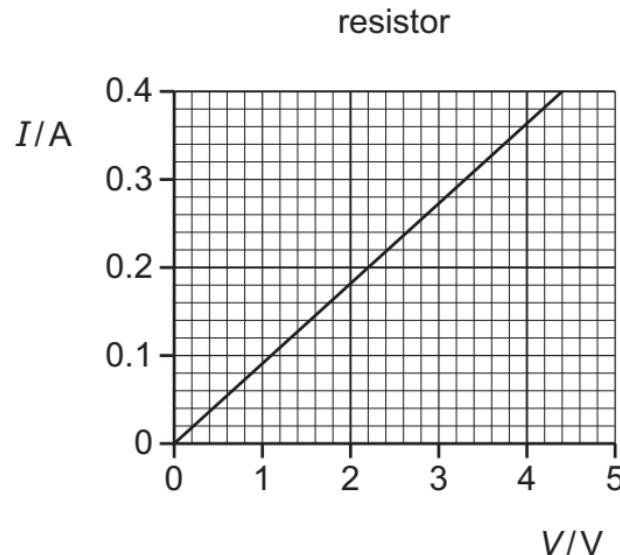


- 35 A resistor and a filament lamp are connected in series with a power supply. The  $I$ - $V$  characteristics of the resistor and of the lamp are shown below.



The potential difference (p.d.) across the resistor is 3.3 V.

What is the resistance of the lamp?

A  $0.071\Omega$

B  $4.2\Omega$

C  $11\Omega$

D  $14\Omega$