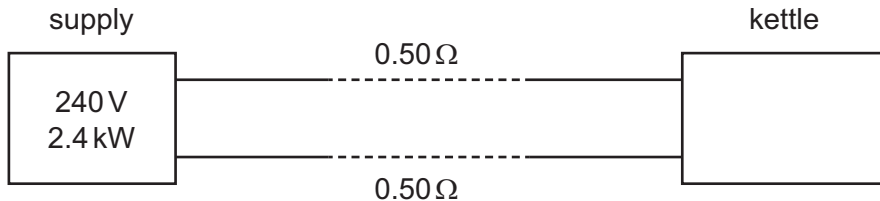


- 33** The power output of an electrical supply is 2.4 kW at a potential difference (p.d.) of 240 V. The two wires between the supply and a kettle each have a resistance of  $0.50\ \Omega$ , as shown.



What is the power supplied to the kettle and what is the p.d. across the kettle?

	power/kW	p.d./V
<b>A</b>	2.3	230
<b>B</b>	2.3	235
<b>C</b>	2.4	230
<b>D</b>	2.4	235