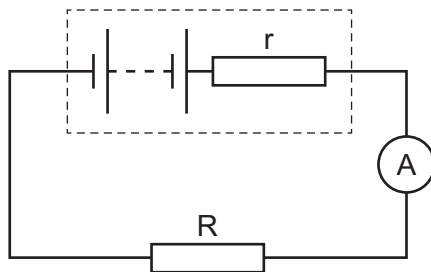


- 35** The diagram shows a circuit with a battery connected to a resistor  $R$ . The battery has an internal resistance represented by resistor  $r$ .



A second resistor, identical to  $R$ , is connected in parallel with  $R$ .

Which row describes the changes to the potential difference (p.d.) across  $r$  and the current shown on the ammeter when the second resistor is connected?

	p.d. across $r$	current shown on ammeter
<b>A</b>	decreases	decreases
<b>B</b>	decreases	increases
<b>C</b>	increases	decreases
<b>D</b>	increases	increases