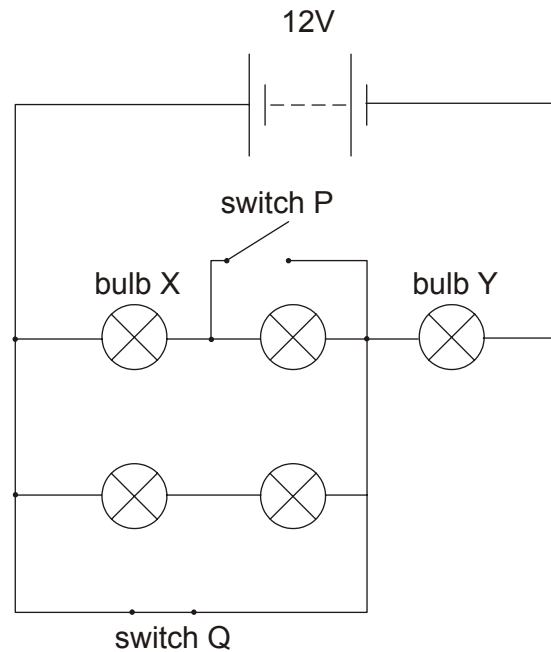


- 15 The circuit shows five identical filament bulbs designed to work at 12V connected in a circuit with two switches. Switch P is initially open and switch Q is initially closed.



Switch P is then closed and switch Q is opened.

Compared with their brightness before these changes were made, how has the brightness of bulbs X and Y changed?

	bulb X	bulb Y
<b>A</b>	brighter	brighter
<b>B</b>	brighter	dimmer
<b>C</b>	dimmer	brighter
<b>D</b>	dimmer	dimmer
<b>E</b>	unchanged	brighter
<b>F</b>	brighter	unchanged

Answer: B