

- 34** When four identical lamps P, Q, R and S are connected as shown in diagram 1, they have normal brightness.

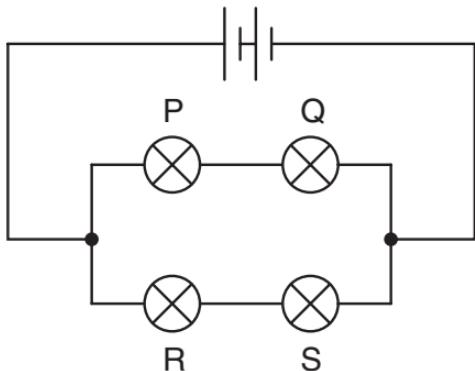


diagram 1

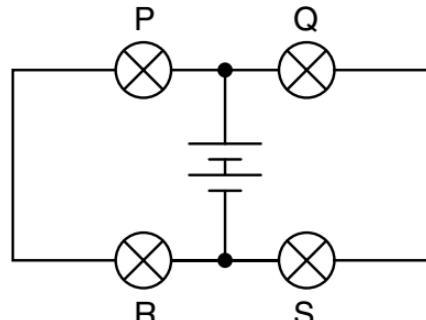


diagram 2

When the four lamps are connected as shown in diagram 2, which statement is correct?

- A** The lamps do not light.
- B** The lamps are less bright than normal.
- C** The lamps have normal brightness.
- D** The lamps are brighter than normal.

- 35** A potential divider is used to give outputs of 2 V and 3 V from a 5 V source, as shown.