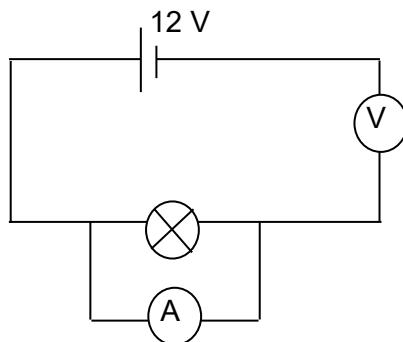


- 19** An ammeter and a voltmeter are connected to a bulb of resistance $4.0\ \Omega$ as shown below.



Which of the following situations is most likely to happen?

- A** Ammeter will fuse.
- B** Ammeter reads 3.0 A and voltmeter reads 12 V.
- C** Ammeter reads zero current and voltmeter reads 12 V.
- D** Both ammeter and voltmeter give zero readings.