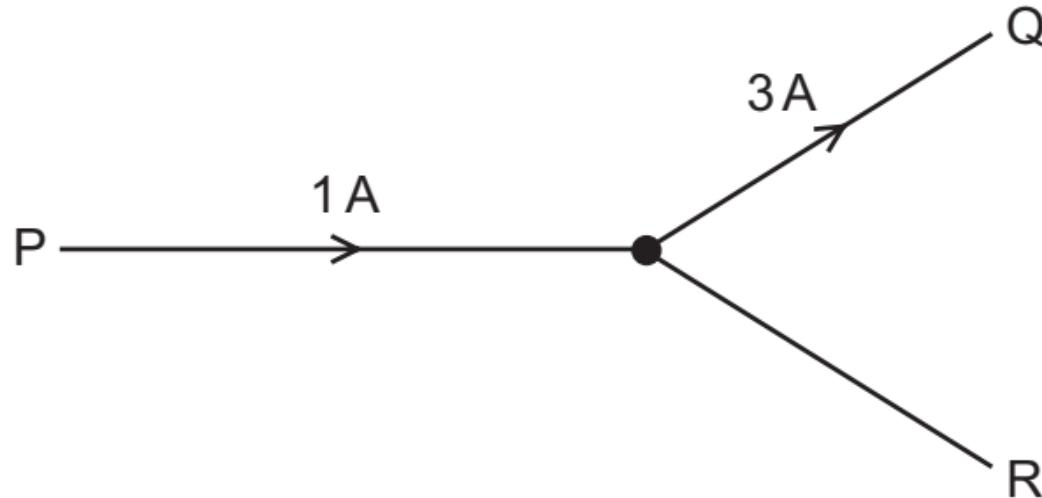


- 32 The diagram shows a junction in a circuit where three wires P, Q and R meet. The currents in P and Q are 1 A and 3 A respectively, in the directions shown.



How much charge passes a given point in wire R in a time of 5 s?

- A** 0.4 C
- B** 2 C
- C** 10 C
- D** 20 C

- 33 A wire carries a current of 2.0 A for 1.0 hour.