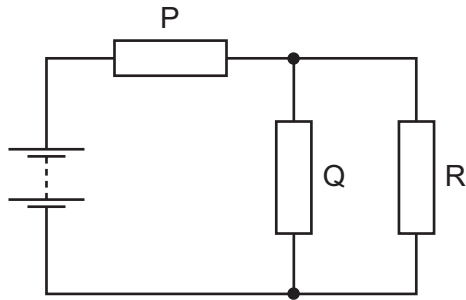


**33** The resistors P, Q and R in the circuit have equal resistance.



The battery, of negligible internal resistance, supplies a total power of 12 W.

What is the power dissipated by heating in resistor R?

**A** 2 W

**B** 3 W

**C** 4 W

**D** 6 W

**Space for working**