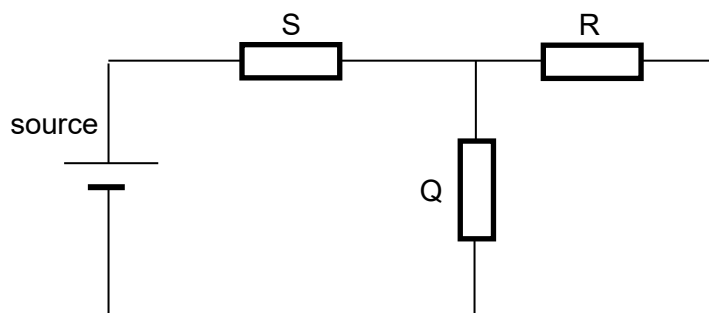


- 20** An e.m.f. source of negligible internal resistance is connected across three identical resistors Q, R and S, of resistance $50\ \Omega$.



If the source is supplying a total power of 12 W , what is the power dissipated as heat in resistor R?

- A** 2.0 W **B** 3.0 W **C** 4.0 W **D** 8.0 W

