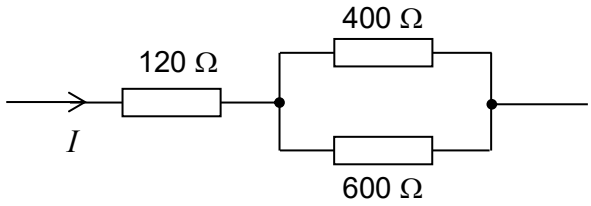
21 Three resistors are arranged in a part of a circuit, and the resistance of each resistor is labelled as shown.



The current through the 120 Ω resistor is I.

What is the value of $\dfrac{\text{power dissipated in the 120 Ω resistor}}{\text{power dissipated in the 600 Ω resistor}}$?

A 0.20 **B** 0.50 **C** 1.3 **D** 5.0