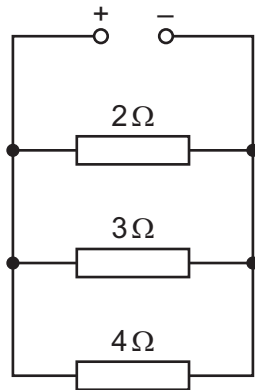


33 Three resistors are connected in parallel across a power supply, as shown.



The power dissipated in each of the resistors of resistance 2Ω , 3Ω and 4Ω is P_2 , P_3 and P_4 respectively.

What is the ratio $P_2:P_3:P_4$?

A 2:3:4

B 4:3:2

C 6:4:3

D 36:16:9