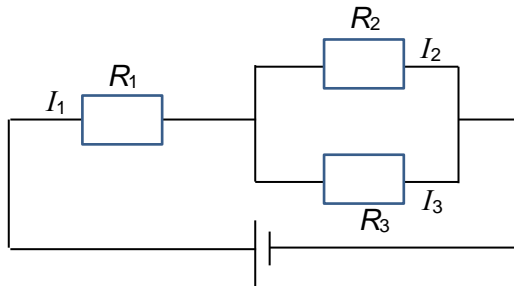


- 21 Three resistors are connected to a battery with negligible internal resistance as shown below. The current through  $R_1$ ,  $R_2$  and  $R_3$  are  $I_1$ ,  $I_2$  and  $I_3$  respectively.



What is the ratio  $\frac{I_3}{I_1}$  ?

A  $\frac{R_3}{R_1}$

B  $\frac{R_2}{R_3}$

C  $\frac{R_3}{R_2 + R_3}$

D  $\frac{R_2}{R_2 + R_3}$