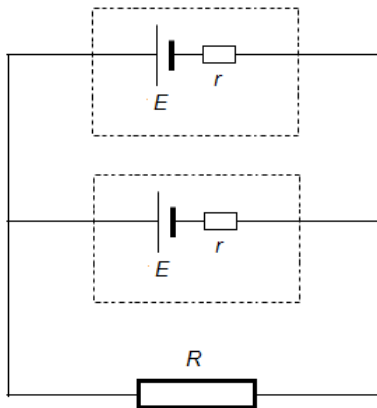


- 20** Two identical electrical sources are used to operate a lamp of resistance R as shown in the figure below. The internal resistance of each electrical source is r .



What is the fraction of the total power lost in the internal resistance of both sources?

A $\frac{2R-r}{2R}$

B $\frac{2R+r}{2R}$

C $\frac{r}{2R+r}$

D $\frac{2R}{2R+r}$