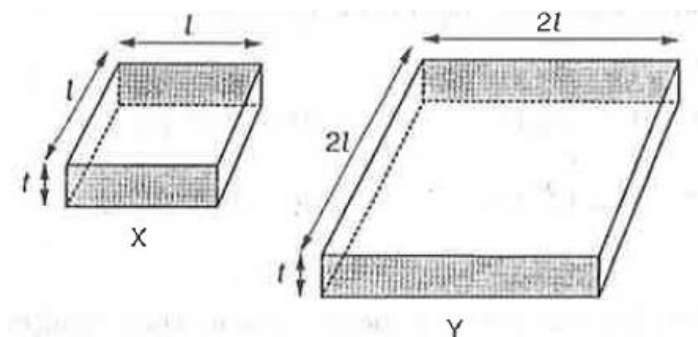


- 20** Two squares, X and Y, are cut from the same sheet of metal of thickness t . The lengths of the sides of X and Y are l and $2l$ respectively.



What is the ratio $\frac{R_X}{R_Y}$ of the resistances between the opposite shaded faces of X and of Y?

A $\frac{1}{4}$

B $\frac{1}{2}$

C $\frac{1}{1}$

D $\frac{2}{1}$

