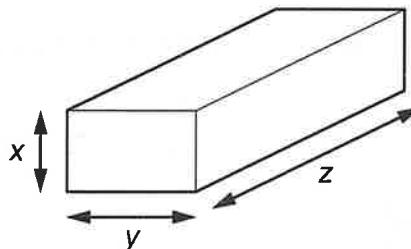


20 The diagram shows a cuboid block of metal with resistivity ρ .

The block has dimensions x , y and z , where $x < y < z$.



What is the minimum resistance of the block between two opposite faces?

A $\frac{\rho z}{xy}$

B $\frac{\rho x}{yz}$

C $\frac{xy}{\rho z}$

D $\frac{yz}{\rho x}$

