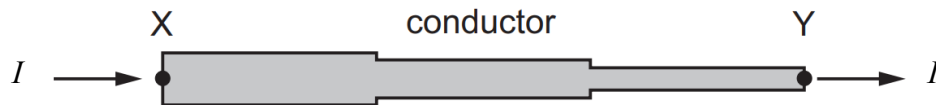
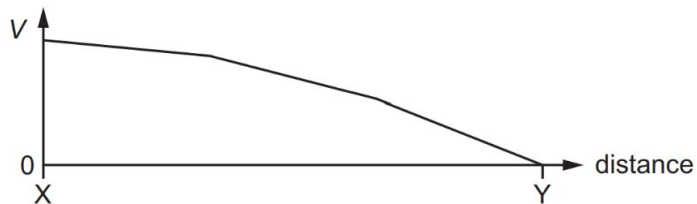


A conductor consists of three wires connected in series. The wires are all made of the same metal but have different cross-sectional areas. There is a current I in the conductor.

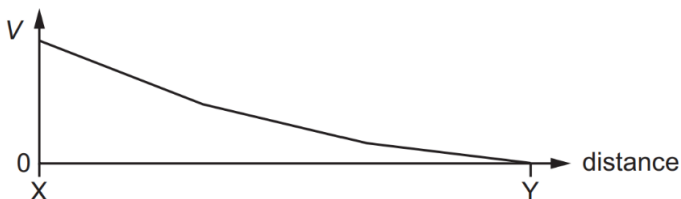


Point Y on the conductor is at zero potential. Which graph best shows the variation of potential V with distance along the conductor?

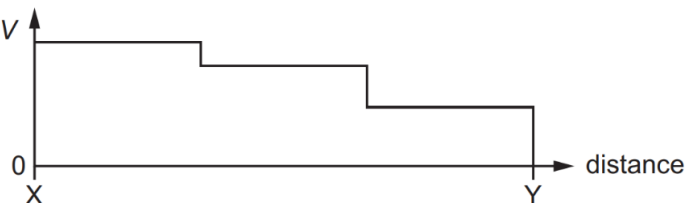
A



B



C



D

