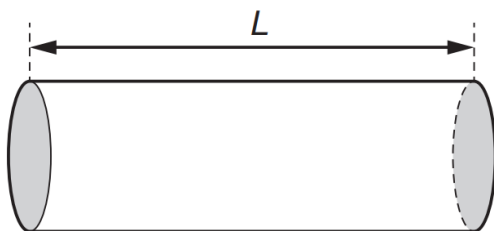


- 21** A piece of conducting putty (modelling clay) of constant resistivity is formed into a cylindrical shape. The resistance  $R$  between its flat ends (shaded) is measured.



The same volume of putty is re-formed into cylinders of different lengths  $L$ , and the resistance  $R$  between the flat ends is measured for each value of  $L$ .

Which graph best shows the variation of  $R$  with  $L$ ?

