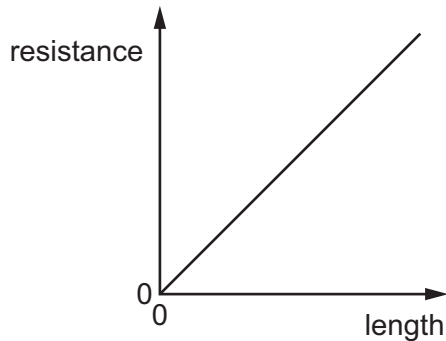


33 The graph shows the variation with length of the resistance of a uniform metal wire.



The gradient of the graph is G .
The wire has cross-sectional area A .

Which expression could be used to calculate the resistivity of the metal of the wire?

- A** $G \times A$ **B** $\frac{G}{A}$ **C** $\frac{A}{G}$ **D** $G \times A^2$

34 Diagram 1 shows a uniform wire of length l and cross-sectional area A connected to a circuit.