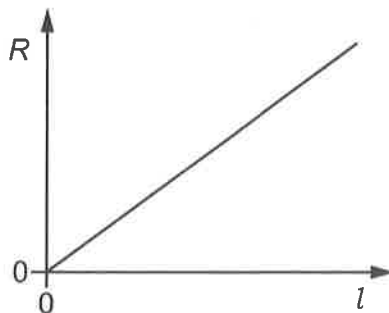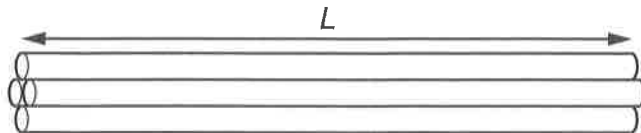**21** The resistance R of a length l of a uniform, cylindrical wire is measured for different values of l. The graph of R against l has a gradient G.

Four lengths of this wire are assembled into a composite wire as shown.

What is the resistance of the composite wire between the two ends?

A $\dfrac{GL}{16}$ **B** $\dfrac{GL}{4}$ **C** $4GL$ **D** $16GL$