21 Two cylindrical carbon resistors P and Q connected in series have a combined resistance of 84.0 Ω.The length of resistor P is three times that of resistor Q. The cross-sectional area of P is half that of Q.

What is the resistance of resistor Q?

A 12.0 Ω **B** 33.6 Ω **C** 42.0 Ω **D** 72.0 Ω