

- 22** Aluminium and copper rods are each designed to have the same length and the same resistance. The resistivity of copper is half that of aluminium, but its density is three times that of aluminium.

What is the ratio of the mass of the aluminium rod to the mass of the copper rod?

**A** 0.17

**B** 0.33

**C** 0.67

**D** 1.5