

**37** Three identical resistors can be connected together in four different ways.

The resistances of two of these combinations are  $4.0\ \Omega$  and  $9.0\ \Omega$ .

What is the resistance of each individual resistor?

**A**  $3.0\ \Omega$

**B**  $6.0\ \Omega$

**C**  $12\ \Omega$

**D**  $18\ \Omega$