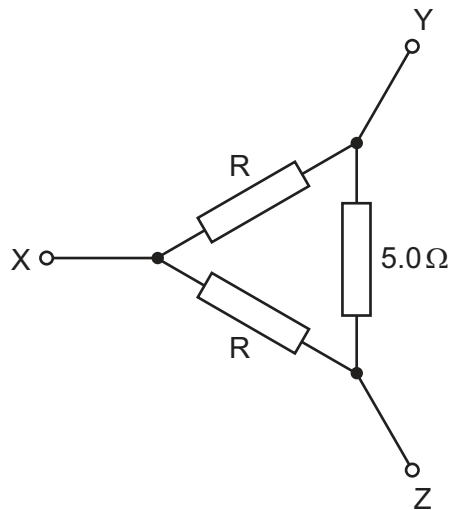


- 35** The diagram shows a network of three resistors. Two of these, marked R, are identical. The other resistor has a resistance of $5.0\ \Omega$.



The resistance between Y and Z is found to be $2.5\ \Omega$.

What is the resistance between X and Y?

- A** $0.30\ \Omega$ **B** $0.53\ \Omega$ **C** $1.9\ \Omega$ **D** $3.3\ \Omega$

- 36** The diagram shows a battery, a fixed resistor, an ammeter and a variable resistor connected in