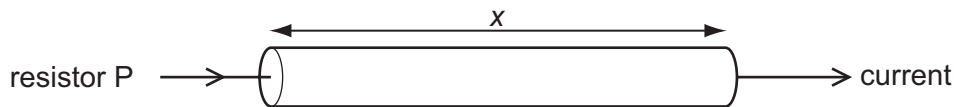
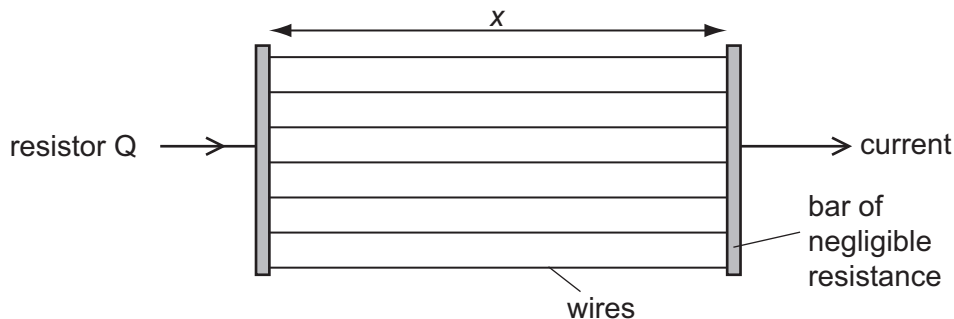


- 37** A researcher has two pieces of copper of the same volume. All of the first piece is made into a cylindrical resistor P of length x .



All of the second piece is made into uniform wires each of the same length x which he connects between two bars of negligible resistance to form a resistor Q.



How do the electrical resistances of P and Q compare?

- A** P has a larger resistance than Q.
- B** Q has a larger resistance than P.
- C** P and Q have equal resistance.
- D** Q may have a larger or smaller resistance than P, depending on the number of wires made.