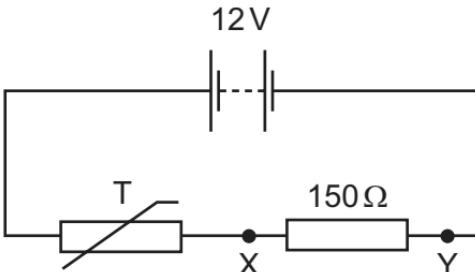


- 37 A thermistor is an electrical component with a resistance that varies with temperature. A thermistor T is used in a fire alarm system. The alarm is triggered when the potential difference between X and Y is 4.5V.



What is the resistance of T when the alarm is triggered?

A 90Ω

B 150Ω

C 250Ω

D 400Ω