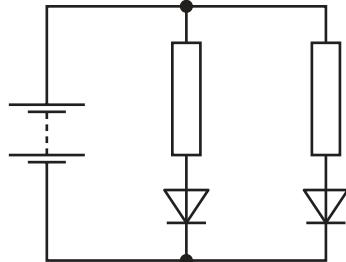


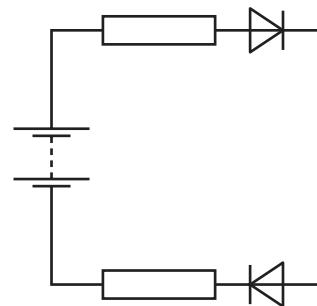
- 36** In the circuits shown, the batteries are identical and all have negligible internal resistance. All of the resistors have the same resistance. The diodes have zero resistance when conducting and infinite resistance when not conducting.

In which circuit is the current in the battery greatest?

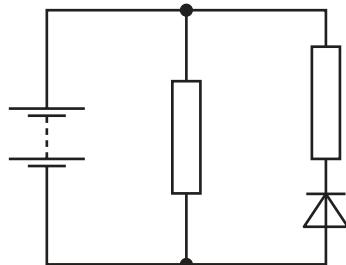
A



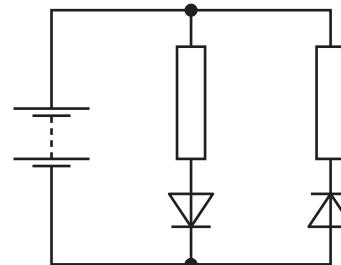
B



C



D



- 37** A thermistor is an electrical component with a resistance that varies with temperature. A