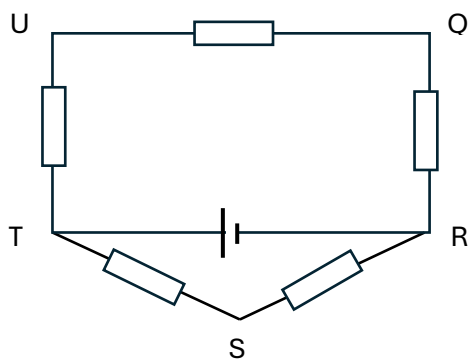


- 22** Five resistors, each of resistance $50\ \Omega$, are connected in a loop as shown below. A $10.0\ \text{V}$ battery of negligible internal resistance is connected across TR.



What is the potential difference between points U and R?

- A** $10.0\ \text{V}$ **B** $8.7\ \text{V}$ **C** $6.7\ \text{V}$ **D** $3.7\ \text{V}$