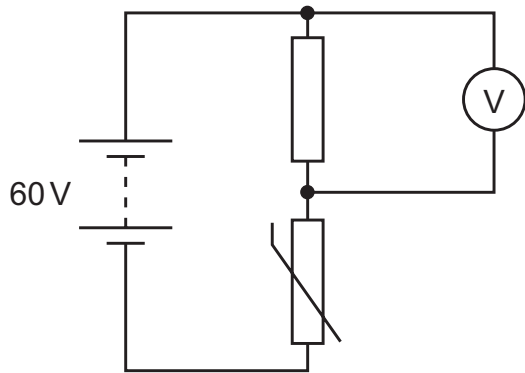


- 35** The diagram shows a circuit with a battery of electromotive force (e.m.f.) 60V and negligible internal resistance, a $20\text{k}\Omega$ resistor, a thermistor and a voltmeter. The resistance of the thermistor is $20\text{k}\Omega$.



The temperature of the thermistor decreases, and this causes its resistance to change by 50%.

After this change, what is the reading on the voltmeter?

- A** 20V **B** 24V **C** 36V **D** 40V