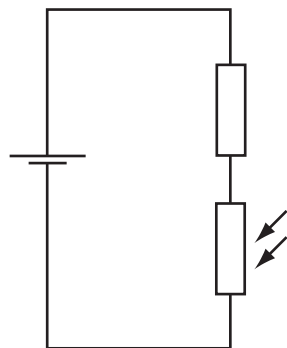
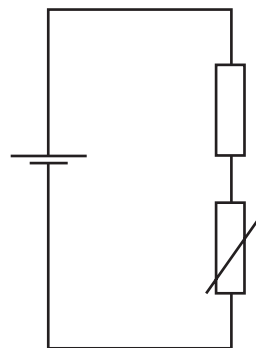


35 The diagrams show a light-dependent resistor in circuit P, and a thermistor in circuit Q.



circuit P



circuit Q

How does the potential difference across the fixed resistor in each circuit change when both the brightness of the light on the light-dependent resistor and the temperature of the thermistor are increased?

	circuit P	circuit Q
A	decrease	decrease
B	decrease	increase
C	increase	decrease
D	increase	increase

36 How do the nucleon (mass) number and proton (atomic) number of two isotopes of an element