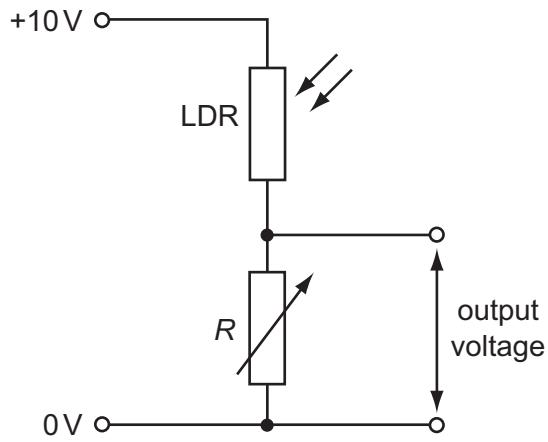


- 37 A potential divider consists of a light-dependent resistor (LDR) in series with a variable resistor of resistance R . The resistance of the LDR decreases when the light level increases. The variable resistor can be set at either high resistance or low resistance.



Which situation gives the largest output voltage?

	light level at LDR	R
A	high	high
B	high	low
C	low	high
D	low	low

Space for working