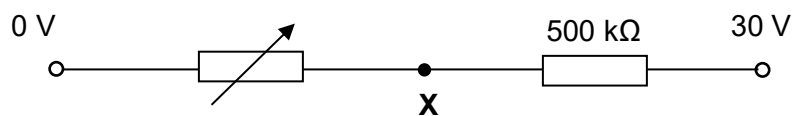


- 17** Two resistors form a potential divider with outer junctions maintained at potentials of 0 V and 30 V. The variable resistor can be adjusted from 100 k $\Omega$  to 500 k $\Omega$ .



What range of potentials can be obtained at point X?

- A** 3 V to 15 V
- B** 5 V to 15 V
- C** 5 V to 25 V
- D** 15 V to 25 V