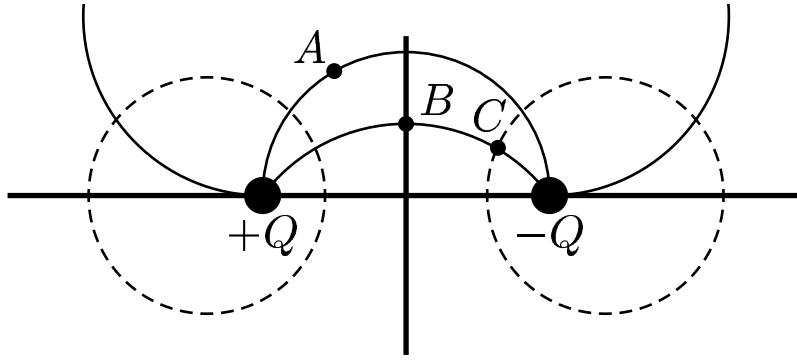
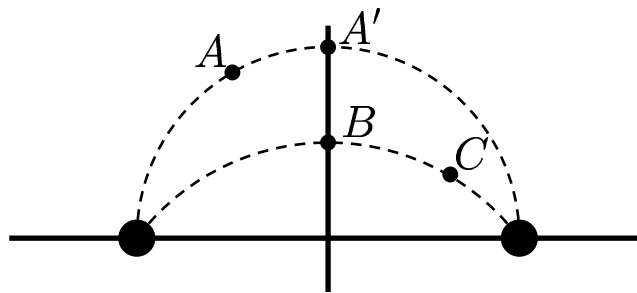


The field pattern and a pair of equipotential curves of a dipole are shown in the sketch.



Compare potentials at A , B and C .

- A) $V_A > V_B$ and $V_B > V_C$.
 - B) $V_A > V_B$ and $V_B = V_C$.
 - C) $V_A < V_B$ and $V_B < V_C$.
 - D) $V_A < V_B$ and $V_B = V_C$.
-



By inspection on the sketch above,

$$V_A > V_{A'},$$

$$V_{A'} = V_B = 0, \quad \text{and}$$

$$V_B > V_C.$$

Answer **A**.