

- 18** A point electric charge  $-q$  is brought from a point  $P_1$  in space to another point  $P_2$  by an external agent. The electric potentials at points  $P_1$  and  $P_2$  are  $V_1$  and  $V_2$  respectively.

What is the work done on the charge?

**A**  $q(V_2 + V_1)$

**B**  $q(-V_2 - V_1)$

**C**  $q(V_2 - V_1)$

**D**  $q(V_1 - V_2)$