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*Potential and voltages for a new reference point.* What happens to electric potentials and voltages in an electrostatic system after a new reference point is adopted for the potential?

- (A) Both potentials and voltages change by the same value.
- (B) Potentials become zero and voltages remain unchanged.
- (C) Both potentials and voltages remain unchanged.
- (D) Potentials change by the same value and voltages remain unchanged.
- (E) Potentials remain unchanged and voltages change by the same value.

*Solution:* (D)

*Answer:* (D)