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Remember, negative charges move toward higher potentials. 1974B5 b. c.  $V_A - V_B$  d.  $W = (-20 \text{ V}) - (-10 \text{ V}) = -10 \text{ V}$  AED =  $W_{AD} = -q\Delta V = -(0.5 \text{ C})(30 \text{ V}) = -15 \text{ J}$  a. V 1975B2 AP Physics Free Response Practice - Electrostatics ...AP Physics C: Electricity and Magnetism Updates and New Resources for 2019-20. To help more students prepare for—and succeed on—the AP AP Physics C: Electricity and Magnetism Exam, we've clarified the course's focus starting with the 2019-20 school year and are introducing new resources for your classroom. AP Physics C: Electricity and Magnetism: The Course | AP ...AP Physics Multiple Choice Practice - Electrostatics 1. The electron volt is a measure of (A) charge (B) energy (C) impulse (D) momentum (E) velocity 2. A solid conducting sphere is given a positive charge  $Q$ . How is the charge  $Q$  distributed in or on the sphere? (A) It is concentrated at the center of the sphere. AP Physics B - Practice Workbook - Book 2 Electricity and Magnetism #1 Free Response Question Solutions - AP Physics C 1998 Released Exam ...

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### AP Physics 1:

#### Electrostatics Review

Static Electricity; Electric Charge & Its Conservation  
The word electricity comes from the Greek word *elektron* as coined by Plato. Static electricity is literally “electricity at rest.” Static electricity is an electrical charge that builds up due to friction between two dissimilar materials.

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1975B2

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