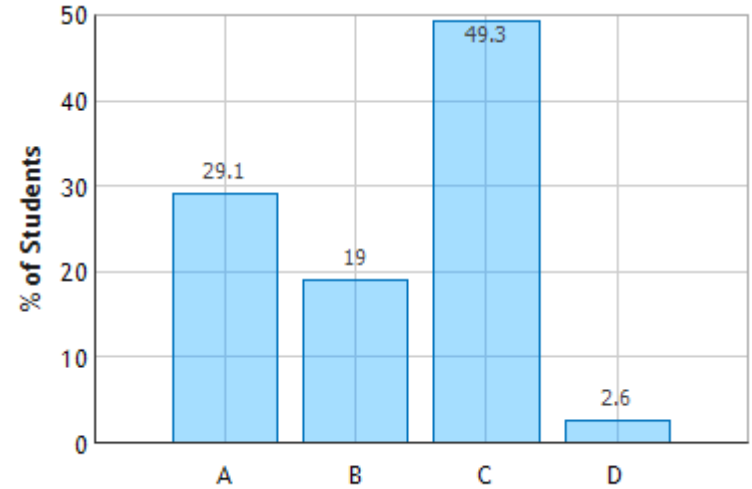
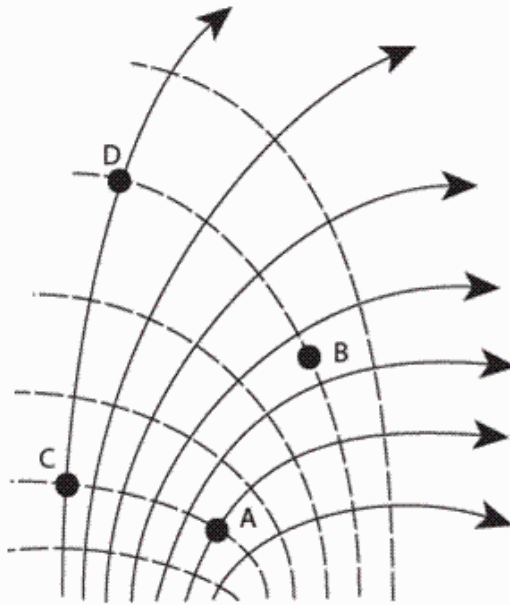


Checkpoint 3b Again?



The field-line representation of the E-field in a certain region in space is shown below. The dashed lines represent equipotential lines.



Compare the work needed to move a NEGATIVE charge from A to B, with that required to move it from C to D

- A) More work from A to B
- B) More work from C to D
- C) Same
- D) Can not determine w/o performing calculation

- A and C are on the same equipotential
- B and D are on the same equipotential
- Therefore the potential difference between A and B is the SAME as the potential between C and D