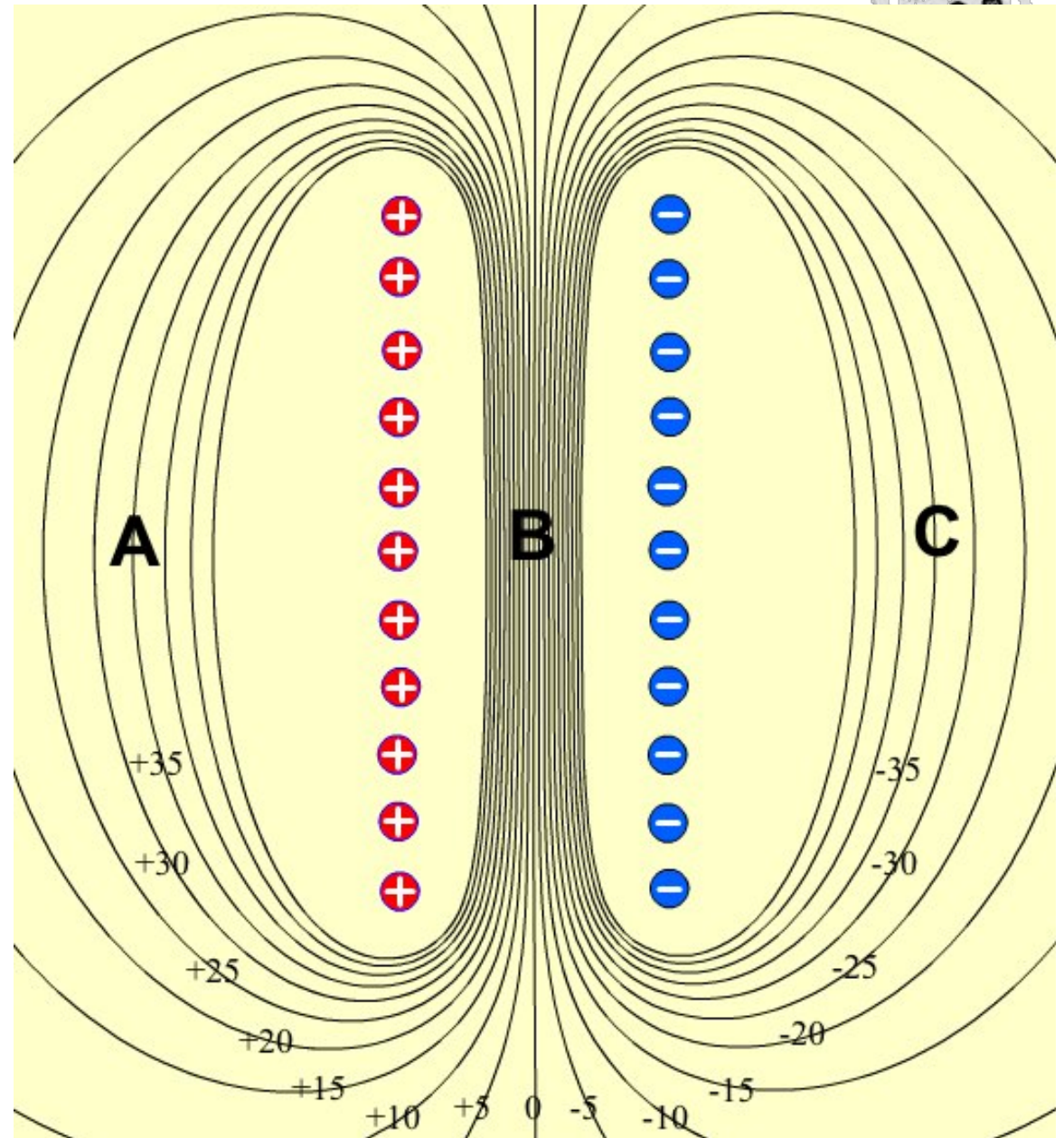


Model of PE for 2 line charges



Where would a test charge feel the strongest electric force?

1. A
2. B
3. C
4. A and B

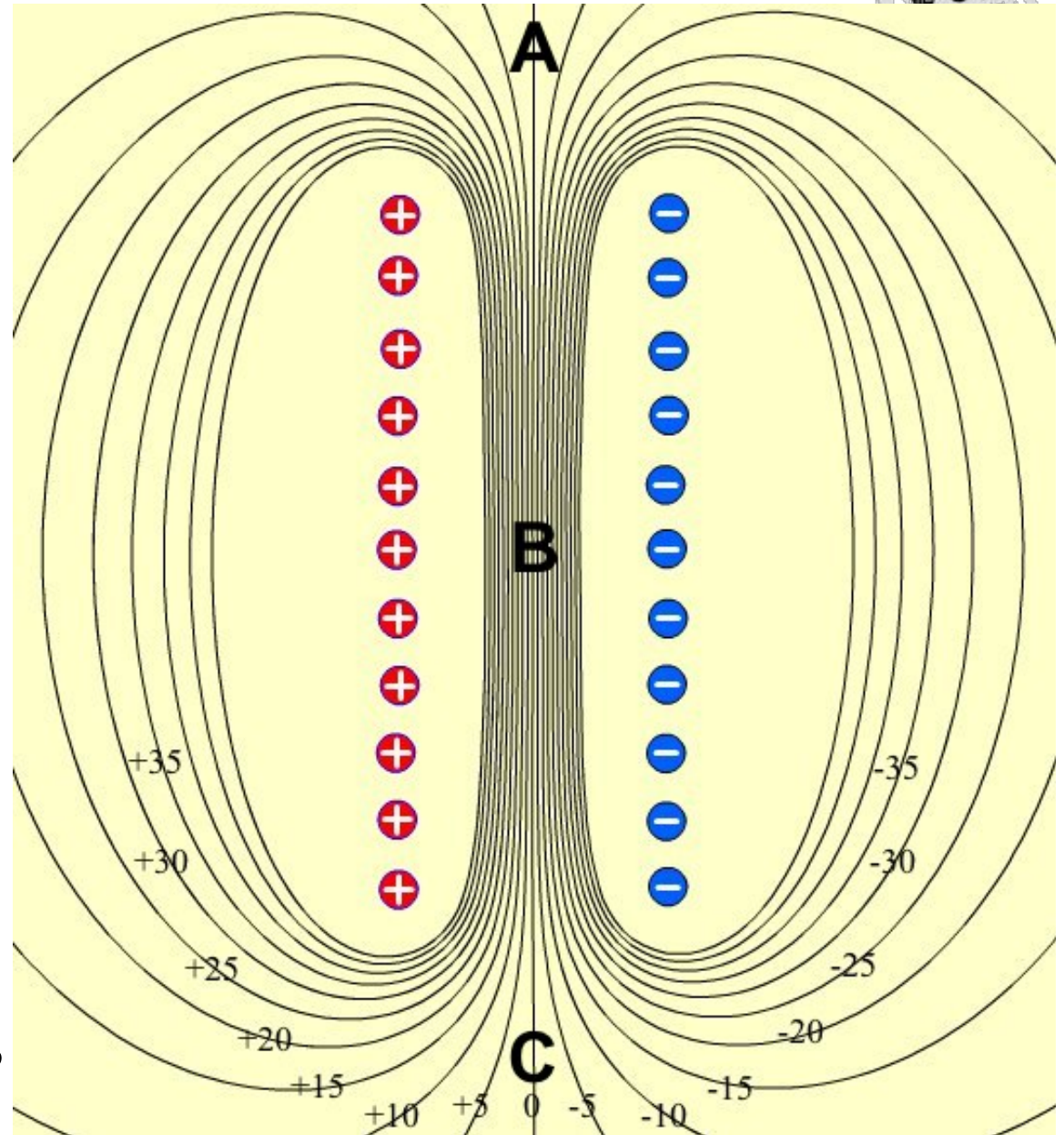


Model of PE for 2 line charges



Where would a test charge feel the strongest electric force?

1. A
2. B
3. C
4. A and B
5. It would feel no force at any of the three points

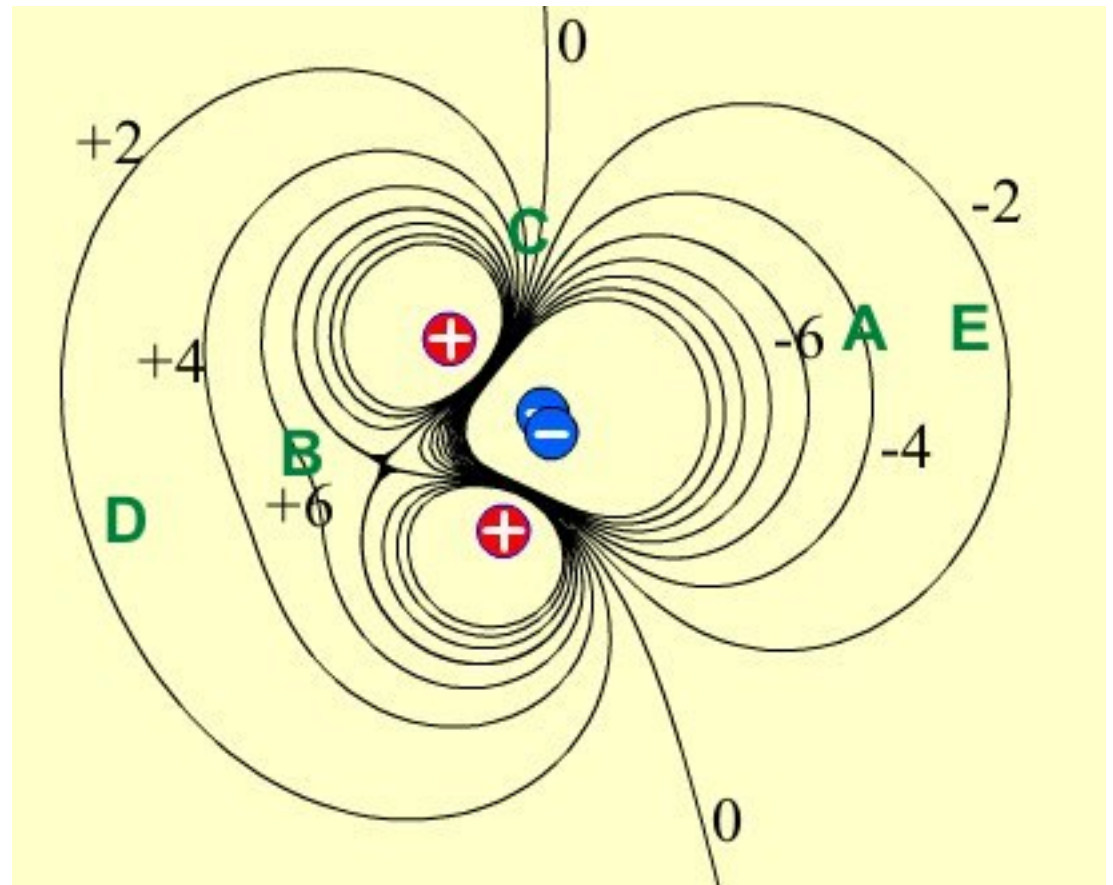


Map of electric PE
for 3 charges (water molecule) (3D)



Where would a test charge
feel the strongest electric
force?

1. A
2. B
3. C
4. D
5. E
6. More than one

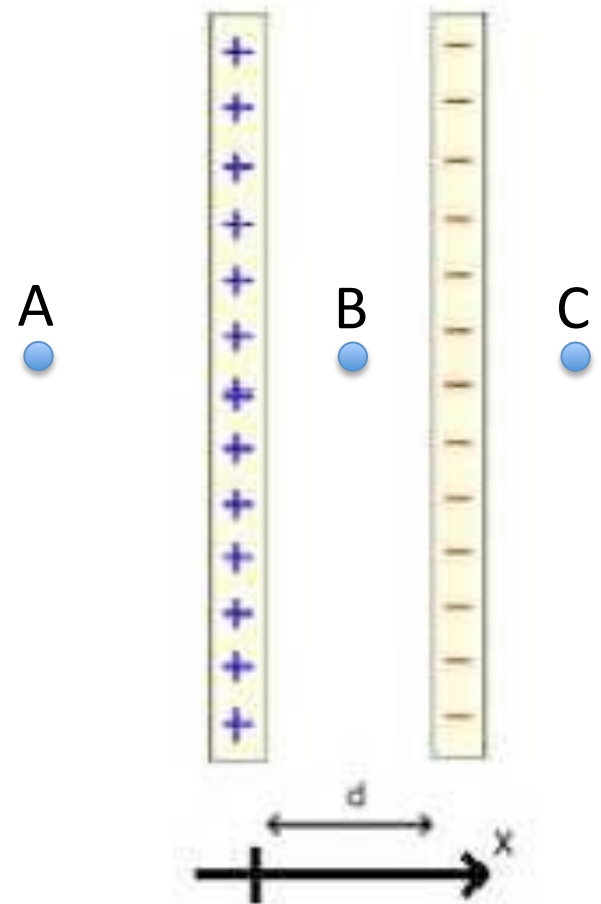


Two large parallel sheets of charge are separated by a distance d , small compared to the size of the sheets. The distance d is small enough that the sheets can be treated as if they were infinite in extent.



Where do you expect the E field to point at the position A?

1. It should point to the left.
2. It should be essentially 0.
3. It should point to the right.

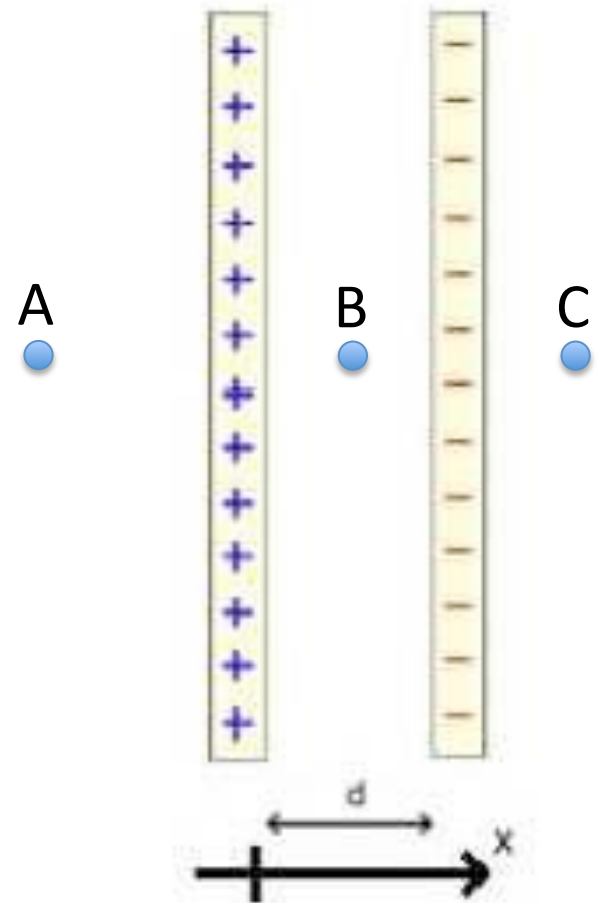


Two large parallel sheets of charge are separated by a distance d , small compared to the size of the sheets. The distance d is small enough that the sheets can be treated as if they were infinite in extent.



Where do you expect the E field to point at the position B?

1. It should point to the left.
2. It should be essentially 0.
3. It should point to the right.



Two large parallel sheets of charge are separated by a distance d , small compared to the size of the sheets. The distance d is small enough that the sheets can be treated as if they were infinite in extent.



Where do you expect the E field to point at the position C?

1. It should point to the left.
2. It should be essentially 0.
3. It should point to the right.

