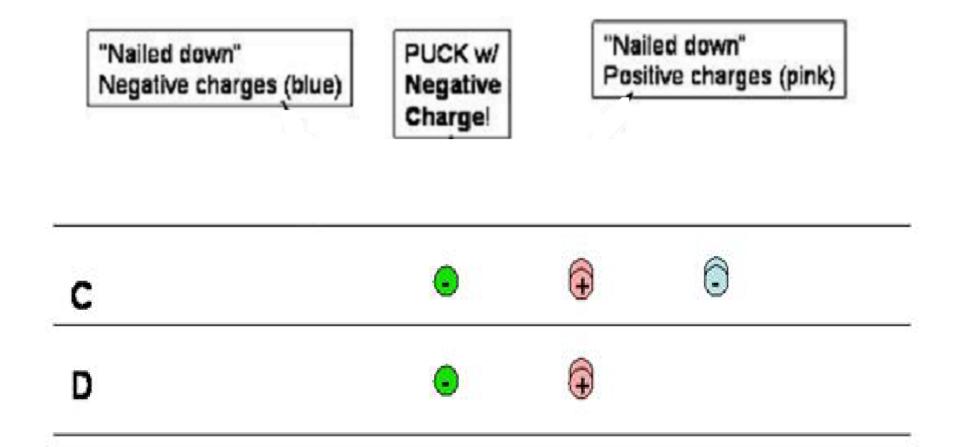


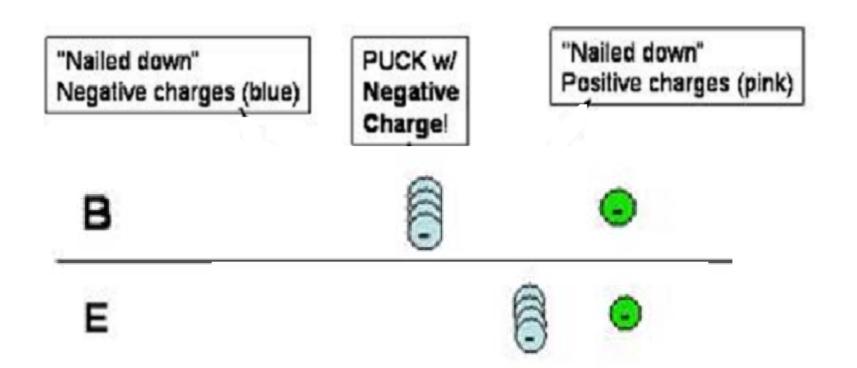
All of the pucks • feel a force to the right.

A. True B. False



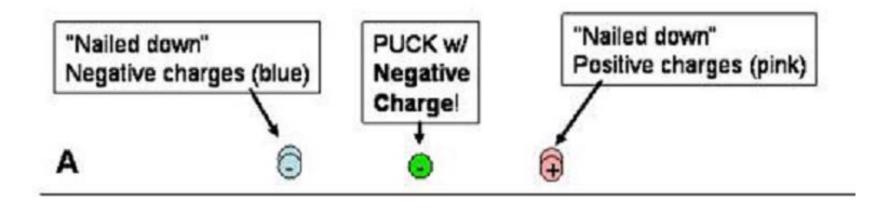
The puck • in C feels a greater force to the right than the puck in D.

A. True B. False



The puck • in E feels a force to the right that is four times greater than that felt by the puck in B.

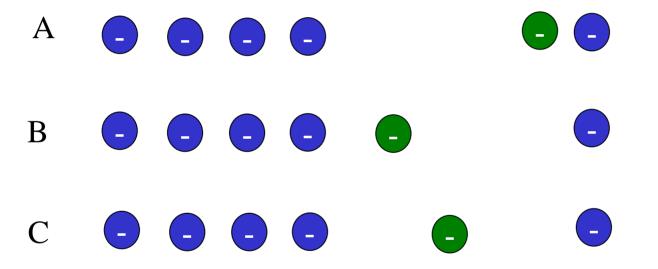
A. True B. False



The net force on the puck • in A is zero.

A. True B. False

For which of these choices is puck most likely not to move?



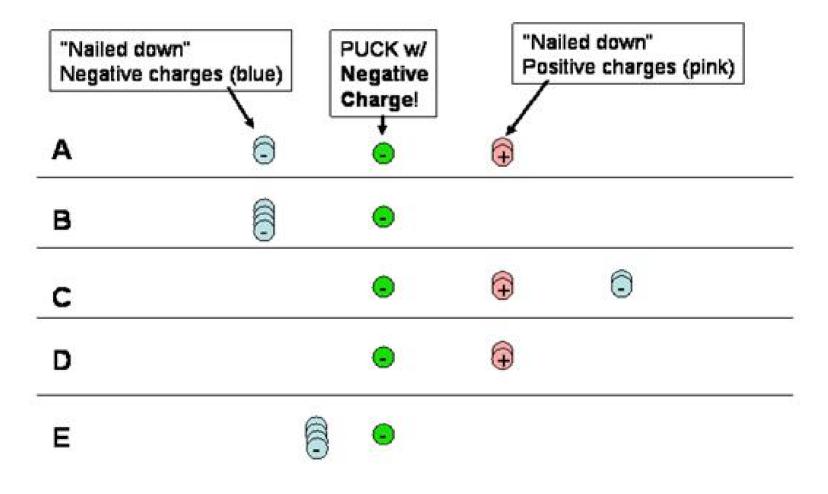
Answer A Look at forces from each charge and add them up



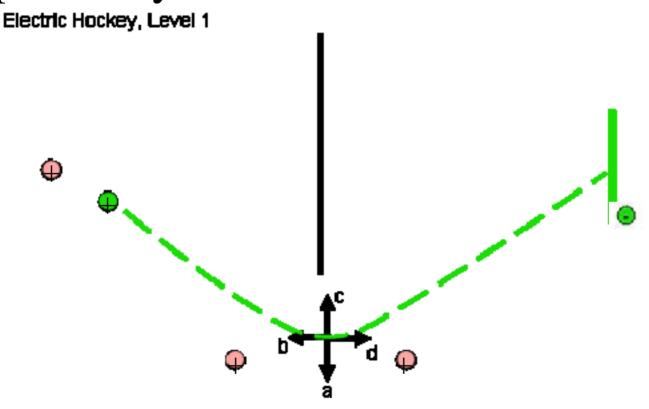
If we put bunch of electrons in a box. They will

- a. clump together.
- b. spread out uniformly across box.
- c. make a layer on walls.
- d. do something else.

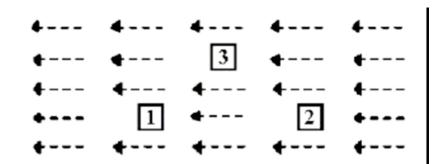
Which one would help explain why a charged balloon sticks to a wall.



Which arrow best represents the direction of acceleration of the puck sit passes by the wall?



A positive charge might be placed at one of three different locations in a region where there is a uniform electric field, as shown.



How do the electric force, F, on the charge at positions 1, 2, and 3 compare?

- 1. F is greater at 1.
- 2. F is greater at 2.
- 3. F is greater at 3.
- F is zero at all three places.
- F at all three positions is the same but not zero.

When a positive charge is released from rest in a uniform electric field, it will

- 1. remain at rest in its initial position.
- move at a constant acceleration.
- move at a constant velocity.
- move with a linearly changing acceleration.
- you can't tell from the information given