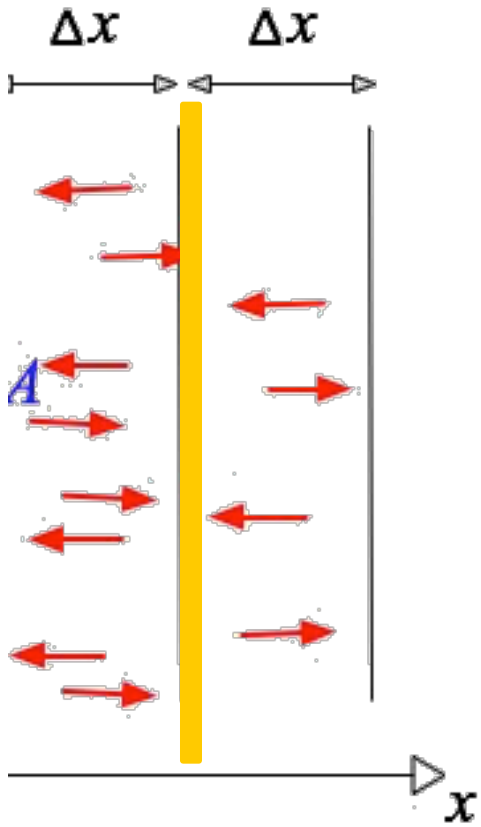
Sodium ions are at different densities on the inside and outside of a cell. Assume each ion moves randomly as a result of collisions with other atoms and molecules.

A small patch of membrane (area A) is shown in yellow. There are more ions are on the left than on the right.

What do you expect is true about the ions **on the left side of the membrane**?

A. More go to the right
B. More go to the left
C. Equal amount goes left and right
D. There is not enough information to tell

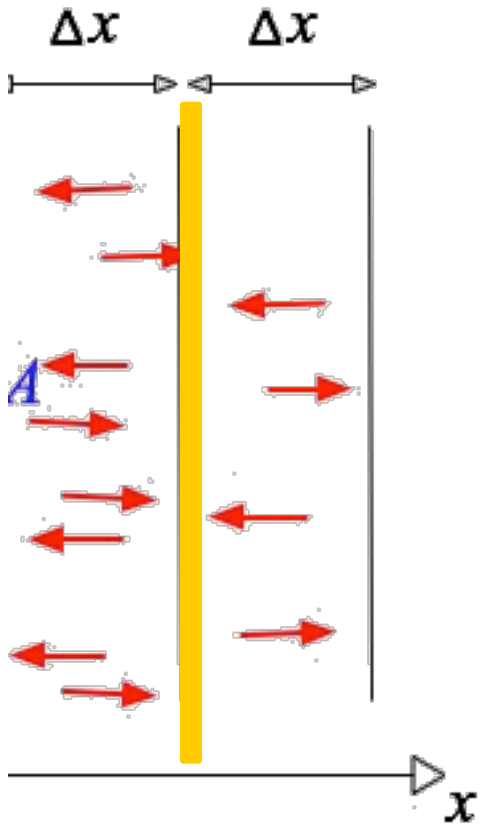


Sodium ions are at different densities on the inside and outside of a cell. Assume each ion moves randomly as a result of collisions with other atoms and molecules.

A small patch of membrane (area A) is shown in yellow. There are more ions are on the left than on the right.

What do you expect is true about the ions **on the right side of the membrane**?

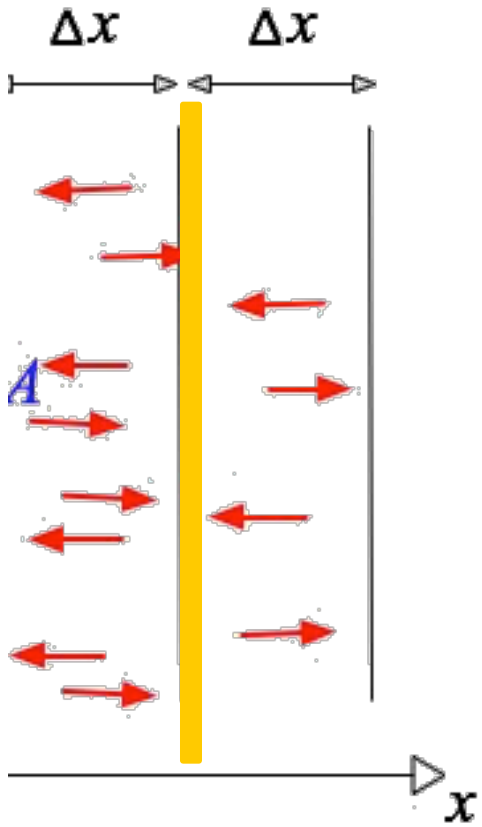
A. More go to the right
B. More go to the left
C. Equal amount goes left and right.
D. There is not enough information to tell



Sodium ions are at different densities on the inside and outside of a cell. Assume each ion moves randomly as a result of collisions with other atoms and molecules.

A small patch of membrane (area A) is shown in yellow. There are more ions are on the left than on the right.

If the membrane allows ions to pass through what do you expect will be true?



A. There will be a net flow of ions to the right
B. There will be a net flow of ions to the left
C. There will be no net flow. Equal amounts will go left and right.
D. There is not enough information to tell