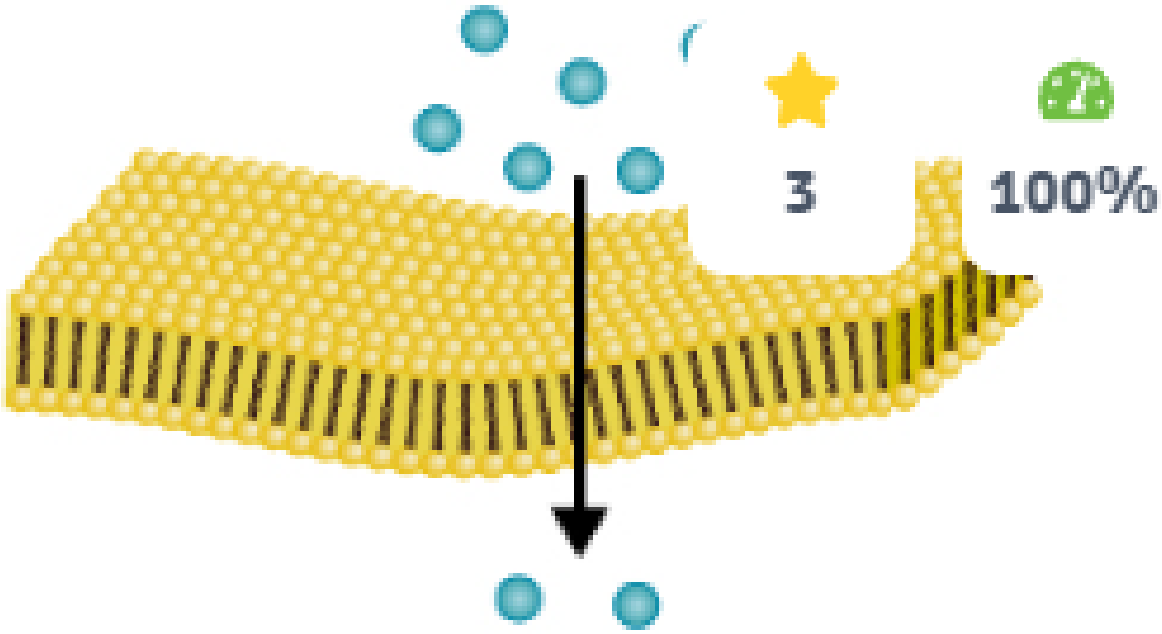
https://t.me/+yI_iw77XeiFlZTg0



Cellular Structure and Function

11. Cellular Transport 1: Defining Passive Transport

Lesson

Review

Select the correct answer.

What happens to the rate of diffusion if the pressure is increased?

ATTEMPT 1

- ○ The rate decreases.
- ◉ The rate increases. ✓

Select the correct answer from the drop-down menu.

Diffusion is the [1. random ✓] movement of particles from an area of high concentration to an area of low concentration.

Drag and drop the correct terms to complete the sentence.

A molecule that [1. diffuses ✓] down a concentration gradient moves from an area of high concentration into an area of [2. low concentration ✓].

Fill in the blank with the correct term from the word bank.

Word Bank			
Brownian motion	high pressure	a low concentration	dynamic equilibrium

Diffusion of particles continues until [1. equilibrium ✓] is reached.

Fill in the blank with the correct term from the word bank.

Word Bank			
color	concentration	function	texture

During cellular transport, the movement of materials across the plasma membrane depends on the 1. concentration ✓ of the material on each side of the plasma membrane.

Select the correct answer.

The difference in concentration of substance across a space is called the _____.

- ○ temperature
- ◉ concentration gradient ✓

Select the correct answers.

Which of the following factors would increase the rate of diffusion when Rana adds food coloring to water during her experiment?

- [ ] dynamic equilibrium
- [ ] decreased pressure
- [ ] the number of trials
- [x] increased temperature ✓
- [x] increased concentration ✓
- [ ] darker colors