

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Life Science

Period: \_\_\_\_\_

Section 2.3: *Materials move across the cell's membranes.*

---

## How do materials move across the cell's membranes? (part 2)

1. What is active transport? \_\_\_\_\_

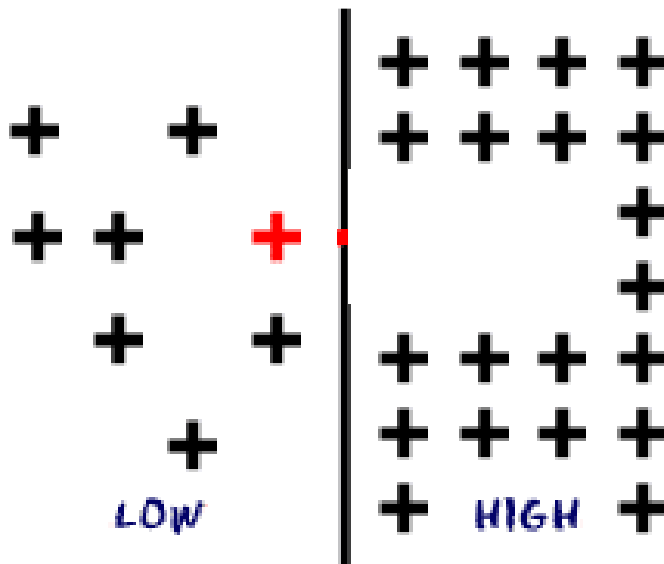
\_\_\_\_\_

2. Why might material need energy to move through the cell membrane?

a. \_\_\_\_\_

b. \_\_\_\_\_

3. Draw arrows in the diagram to the right, indicating the direction in which the particles move across the membrane via **active transport**.

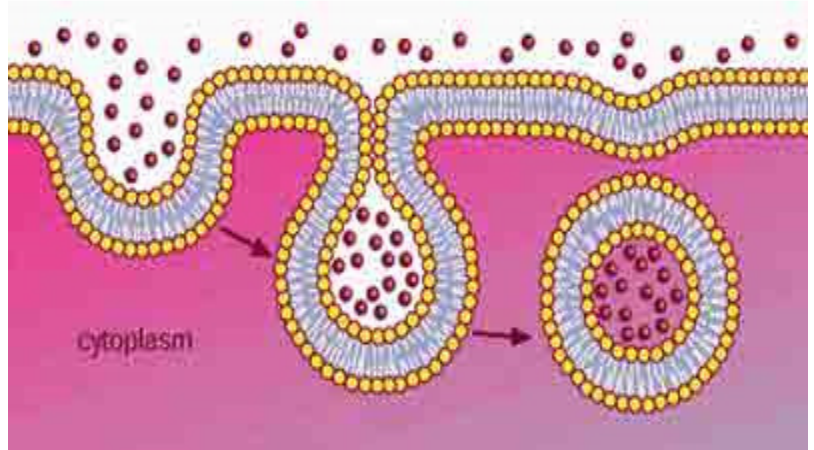


4. What are two ways in which a particle that is too large to fit through the cell membrane can enter the cell?

a. \_\_\_\_\_

b. \_\_\_\_\_

5. In space below, explain what is happening in the diagram through the process of **endocytosis**.



6. In space below, explain what is happening in the diagram through the process of **exocytosis**.

