

Name: _____

Cellular Processes Review Reflection

What I Should Be Able To Do

- Investigate and explain cellular processes, including homeostasis, energy conversions, transport of molecules, and synthesis of new molecules
- Describe the interactions that occur among systems that perform the functions of transport, reproduction, and response in plants
- Compare the reactants and products of photosynthesis and cellular respiration in terms of energy and matter

Content Knowledge From Today

What is the main function of the cell membrane?

Explain how the structure of the cell membrane allows for different types of materials to move in and out of the cell.

Explain the importance of the cell membrane in maintaining homeostasis within the cells.

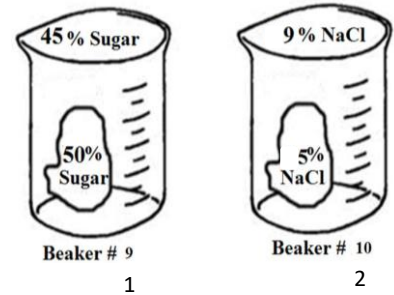
Explain two differences between passive and active transport.

Explain the direction of movement of water across a concentration gradient.

Use the images to the right to answer the following questions.

Which beaker has more solute inside the cell than outside the cell? _____

Which substance will move across the membrane, water or solute (sugar/NaCl)?



Draw an arrow on each beaker showing the direction of flow of water.

How I Feel About Content After Today

- I know everything about this topic. I will get every question on this topic right on the exam.
- I know most of the information over this topic. I will get most questions on this topic right on the exam.
- I know some of the information over this topic. I will get some of the questions right on the exam.
- I know nothing over this topic. I will need to guess when I see a question over this topic on the exam.

What Are My Next Steps To Master the Content Before the Exam

What can I do at school?

What can I do at home?

