

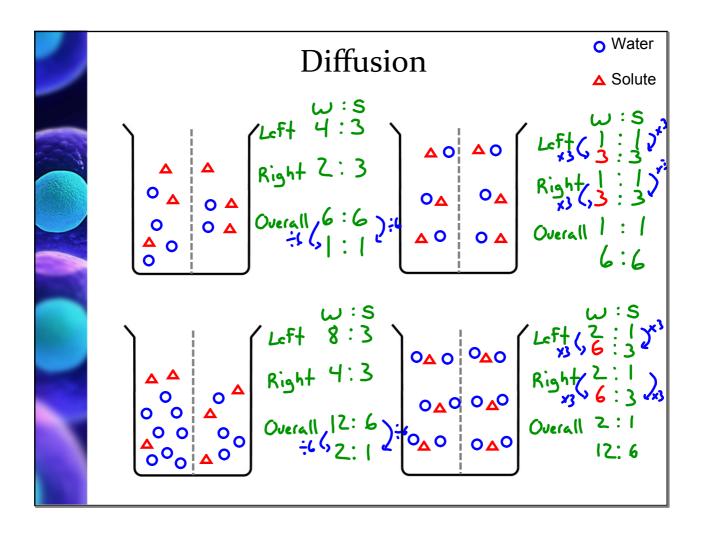


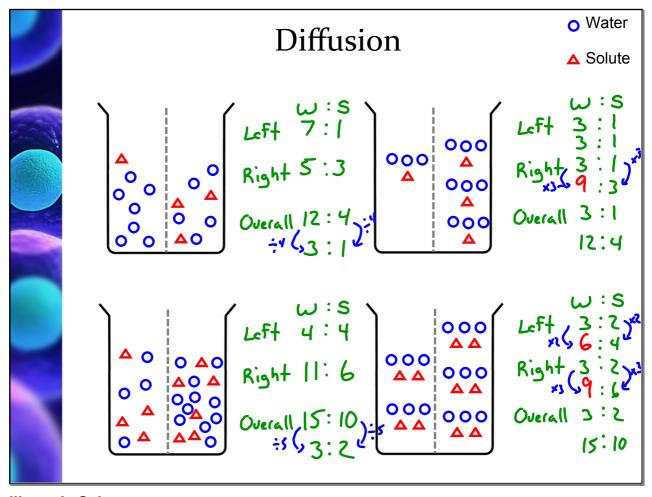
Diffusion

Please take out your diffusion worksheet. We will take up the answers now.

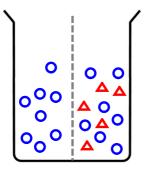
If you did not do this worksheet, as you were instructed to, please take a clipboard and your pencil, and go out in the hall to finish it. You may rejoin us when you have finished.











Why can this example not be re-drawn in equilibrium state?

This example cannot be re-drawn in equilibrium state because there are no solute particles on the left hand side. In order to be in equilibrium the concentrations need to be equal, but you cannot match 0 solutes to 5 solutes.

If you are still having trouble understanding these questions, you will need to come see me at a break, as you will see them again.

Cancer

Note: Today's lesson may be a sensitive topic for some students. Please be sure that all comments made and discussions held are respectful.

Let's review the facts we know about cancer:

- Cancer is a very serious disease that affects many people around the world
- 2. There are many different types of cancer
- 3. There are many causes of cancer
- 4. There is currently no cure for cancer
- Cancerous cells are damaged cells (they do not perform properly)
- 6. Cancerous cells multiply very rapidly

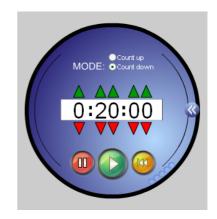


Please take a copy of the worksheet, "Investigating Cancer and its Causes," and borrow a copy of the cancer reading sheet (this sheet is two sided, you will need to read "Cells and Cancer.")

Over the next 20 minutes you are to work independently to answer the questions on your worksheet. If you finish the questions, turn the reading sheet over and you will find a newspaper article reporting about a promising new weapon in the fight against cancer.







Cancer

We will now take up the answers. Please verify that you have the correct answers on your worksheet.



- 2-17 Cancer Questions.pdf
- 2-17 Cancer Reading.pdf
- 2-17 Cancer Answers.pdf