

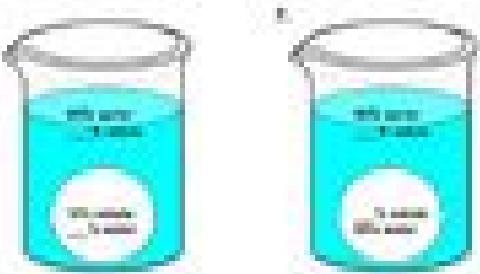
Name _____ Date _____ / / Points _____

Diffusion & Osmosis Practice Problems

Directions: After viewing cells placed in solutions of various concentrations:

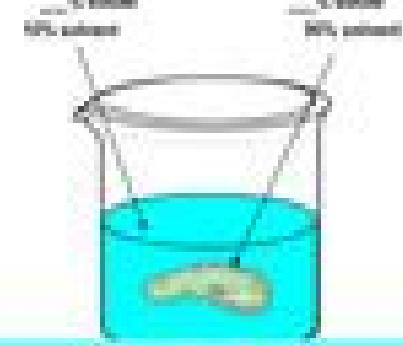
1. Draw arrows to show water going into or out of the cell.
2. Give the percentage (concentrations) of water.
3. Identify the type of movement (Diffusion, Osmosis, or neither).

1.



Water Type _____ Solute Type _____

2.



Water Type _____ Solute Type _____

Name _____ Date _____ / / Points _____

Diffusion and Osmosis Graded Practice Problems

Directions:

For each of the following, determine the % concentration of the solute and the solvent for the solution outside the cell (environment) and for the inside of the cell.

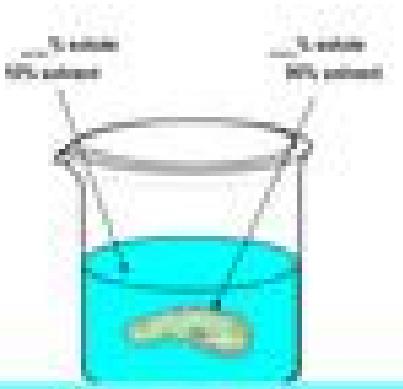
1. Tell whether the solution outside the cell is Hypotonic, Hypertonic, or Isotonic.
2. Give the direction of the net movement of water (into cell, out of cell, or no net of cell at equal rates).
3. Tell what will happen to the cell (swell, shrink or stay the same).

1.



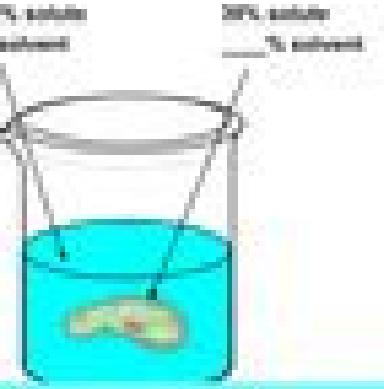
Water Type _____ Solute Type _____

2.



Water Type _____ Solute Type _____

3.



Water Type _____ Solute Type _____



Osmosis And Diffusion Problems

John Field

Osmosis And Diffusion Problems:

Energy Minimization Methods in Computer Vision and Pattern Recognition Anders Heyden, Fredrik Kahl, Carl Olsson, Magnus Oskarsson, Xue-Cheng Tai, 2013-08-16 This volume constitutes the refereed proceedings of the 9th International Conference on Energy Minimization Methods in Computer Vision and Pattern Recognition EMMCVPR 2013 held in Lund Sweden in August 2013. The 26 revised full papers were carefully reviewed and selected from 40 submissions. The papers are organized in topical sections on Medical Imaging, Image Editing, 3D Reconstruction, Shape Matching, Scene Understanding, Segmentation, Superpixels, Statistical Methods and Learning.

Text-book of Physiology Sir Edward Albert Sharpey-Schäfer, 1898

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Problems in Physics for Technical Schools, Colleges, and Universities William D. Henderson, 1916 **Saline Water Conversion Report** United States. Office of Saline Water, 1965 **Sea-water Intrusion: Aquitards in the Coastal Ground Water Basin of Oxnard Plain, Ventura County** California. Department of Water Resources, 1971 **EES Series Report** University of Arizona. Engineering Experiment Station, 1963 **The Chemic Problem in Nutrition (magnesium Infiltration)** John Aulde, 1912 **Proceedings of the International Symposium on Fresh Water from the Sea** 1980 Adaptation to the Environment 1964 **Quantitative Analysis** Stephen Popoff, 1927 **General Catalog Issue** University of Washington, 1969 **The Princeton Review Flowers Complete Preparation for the MCAT, 1996** James L. Flowers, Theodore Silver, 1995-09-26 The MCAT prep program developed by Dr James Flowers is now available from The Princeton Review Rather than focusing merely on strategies this guide includes exercises to strengthen scientific problem

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