

# Download Freezing Point Depression Lab Answers

We care about molality because freezing point depression is a colligative property, a property that depends on how many solute particles are in the solvent, not the kind of solute particles. Molality,  $m$ , is one piece of this "how many solute particles are present?" question. The Van 't Hoff factor is the second part of the "how many solute particles are present?" question. Labs. Demonstrate freezing point depression in this "We All Scream for Ice Cream" lab. Flinn Scientific, Inc.'s "Quick Freeze" is a simple demonstration of freezing point depression using club soda.; The "Changing the Freezing Point of Water with Salt" lab is self-explanatory. "Expanding on Ice" demonstrates how ice takes up more space than water. "The Rate of Solubility" lab can be adapted ...October 16, 2017 - Computer Simulation Status Open Letter to All Instructors Who are Using TG's Simulations and Animations Computer Simulations and Animations web site <https://chemdemos.uoregon.edu>. Chemistry Education Instructional Resources web site <https://chemdemos.uoregon.edu>. Doors of Durin on the Wall of Moria (Future Web Site Hosting Computer Simulations, Animations, and Chemistry ...Experimental Procedure Procedure for Supercooling Water. Cut a circle from the cereal box to use as a cover for the plastic cup. Pour a small sample of distilled water into a clean plastic cup (enough to fill about  $1/4$  of the cup) and place the cup in the center of the bowl.