

Name:

Date:

Class:

Intermolecular Forces Lab Worksheet - Answer Key



Directions: Today you will complete two experiments that compare the properties of water to isopropanol (a type of rubbing alcohol). Before conducting each experiment, you will first read about the experiment and then make a prediction about what you think will happen. Afterward you do the experiment, you will write an explanation of what was happening at the atomic level that let us observe these properties.

Introduction: In many ways, water is a miracle liquid. It is essential for all living things on earth and it is often referred to as a universal solvent because many substances dissolve in it. Water displays unusual properties due to the ways the individual water molecules interact with each other.

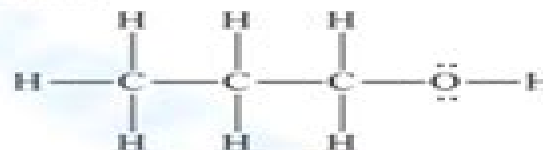
1. Draw the structural formula (with lone pairs) for the two molecules we will be comparing today, water (H_2O) and isopropanol ($\text{C}_3\text{H}_8\text{O}$). Draw a dipole arrow to show the direction the electrons are being pulled and label the areas of partial positive and negative charges.

H_2O



$\text{C}_3\text{H}_8\text{O}$

Note: the bond between C and H is NOT POLAR. Do not draw dipole arrows or partial charges for those bonds.



2. Which molecule is more polar? water

Experiment #1: Penny

How many drops of water fit on the head of a penny? How many drops of isopropanol fit on the head of a penny?

Prediction:

- a. I think _____ drops of water will fit on the head of the penny because _____

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Technical Bulletin - Michigan Agricultural Experiment Station (East Lansing). Michigan State University. Agricultural Experiment Station,1919

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Samios,Vladimir A. Durov,2013-11-11 The unique behavior of the liquid state together with the richness of phenomena that are observed render liquids particularly interesting for the scientific community Note that the most important reactions in chemical and biological systems take place in solutions and liquid like environments Additionally liquids are utilized for numerous industrial applications It is for these reasons that the understanding of their properties at the molecular level is of foremost interest in many fields of science and engineering What can be said with certainty is that both the experimental and theoretical studies of the liquid state have a long and rich history so that one might suppose this to be essentially a solved problem It should be emphasized however that although for more than a century the overall scientific effort has led to a considerable progress our understanding of the properties of the liquid systems is still incomplete and there is still more to be explored Basic reason for this is the many body character of the particle interactions in liquids and the lack of long range order which introduce in liquid state theory and existing simulation techniques a number of conceptual and technical problems that require specific approaches Also many of the elementary processes that take place in liquids including molecular translational rotational and vibrational motions Trans Rot Vib coupling structural relaxation energy dissipation and especially chemical changes in reactive systems occur at different and or extremely short timescales **CTET Success**

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