## CP CHEMISTRY MRS. PITTENGER

## Lab: Absolute Zero-Video

Students: There is no prelab! All you must do is print out this page and bring it to class on lab day.

Name	Date
Period	Date Lab Group #
Answer the following questions in complete senten	nces.
<ol> <li>James Dewar, was a Scottish scientist who set of permanent gases)?</li> </ol>	out to liquefy what gas (the last of the so-called
	a Dutch scientist also sought to liquefy the same gas.  Dewar and Kamerlingh Onnes to reach their goal.
3. The next competition between Dewar and Kame	erlingh Onnes was to liquefy was other gas?
4. Describe the role that competition plays in scien	ice.
5. What is superconductivity? How do superconductivity?	ucting magnets work?
	came to predict that a new state of matter—one that behaved is be produced at temperatures just above absolute zero. What is
7. What two teams raced to create this new state or	f matter? Who created it first?