THE MECHANICAL UNIVERSE Video 48 - Low Temperatures

| | 2011 | |
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| 1. | Is it more difficult to heat things up or make the | em cold? |
| 2. | What are the two main elements that make up | air? |
| 3. | What two variables determine the states of ma | tter? |
| 4. | In which state do molecules not adhere to each | other? |
| 5. | The use of what common gas led to a cooling be | reakthrough in the 19 th century? |
| 6. | What principle lies at the heart of the liquificati | on process? |
| 7. | Who discovered the Law of Conservation of End | ergy? |
| 8. | What material did Lindy's cooling system utilize | ? |
| 9. | Which gas is the most difficult to liquefy? | |
| 10. | Who was the first person to liquefy hydrogen? | |
| 11. | What gas has the lowest liquification temperate | ure of all? |

At what temperature does helium liquefy?

12.