

THE MECHANICAL UNIVERSE
Video 45 -Temperature and Gas Laws

Name: _____
Class: _____

1. Is it possible to measure temperature directly?
2. What is necessary to measure temperature effectively?
3. What is pressure?
4. Heating a gas increases the _____ of molecules.
5. How does the pressure of a gas relate to its volume?
6. State Boyle's Law:
7. Define "absolute zero"
8. Where does ice melt on the Kelvin scale?
9. What is the temperature at the core of the sun?
10. What mechanical property of a gas does temperature depend on?
11. Describe how Fahrenheit came up with his temperature scale?