Name:_____ Date:_____

T or F Geography

T or F	As we add heat energy to molecules, those molecules begin to move more slowly.
T or F	More often as the temperature increases, the atmospheric pressure actually decreases.
T or F	As the temperature rises, the atmosphere expands, becoming more dense.
T or F	Individual molecules are each exerting more pressure, the decrease in density is enough to create a lower pressure.
T or F	Air movement is caused by differences in pressure from one location to another in the Earth's atmosphere.
T or F	Gases will not spread outward once it is released into the atmosphere.
T or F	The only force acting to hold gases in on Earth, is the gravity.
T or F	All of the gases on the Earth try to spread out until they are equally dense all around the globe, this is called balance homeostasis.
T or F	These gases reached this state, about one hundred years ago.
T or F	The main force responsible for the inability of the gases of the Earth's atmosphere to stabilize is the unequal heating of one portion of the atmosphere compared to another, by the Sun.
T or F	Wind is caused by the gases of the Earth's atmosphere moving around in an attempt to equalize pressure.
T or F	There are five important factors that effect the direction that our winds blow.