Classify the each of the following statements as a scientific law or theory. L OR T

L or T?	Statement
	1. Gravity attracts every object in the universe to every other object. The attractive force can be calculated using the following formula: $F = G\frac{m_1 m_2}{r^2}$
	2. Light is responsible for color.
	3. Energy is neither created nor destroyed.
	4. The surface of the earth is composed of tectonic plates, which move slowly.
	5. There are no attractive or repulsive forces between gas molecules.
	6. Heat always flows from hot objects to cooler ones, not in the opposite direction. This holds true as long as there is no external work done on the system.
	7. For every action, there is an equal and opposite reaction.
	8. Force is equal to mass multiplied by acceleration.
	9. Earth's magnetic field is generated by a combination of electrical currents induced in the outer core of Earth and Earth's rotation.
	10. Climate Change Theory

LIVEWORKSHEETS