Common MACROSCOPIC Forces

Name: _____

Symbol	Name of Force	Contact or Field Force?	Direction?	Description
				Gravitational forces occur because the mass of objects causes them to be attracted to each other. On Earth, the gravitational force is WEIGHT. Weight is calculated by multiplying mass by 9/8 m/s/s (or about 10 m/s/s)
				An elastic force applied to an object deforms the object but once removed allows the object to recover its original form, length, shape.
				Frictional forces between two objects depend on the type of surfaces that are in contact with each other; Solid surfaces that are in contact produce friction; Air or liquids can produce frictional forces, too.
				The force that shows up in a string/rope as the result of its stretching ; Muscles can produce tension forces
				Support force between and object and a solid surface; it is always perpendicular to the surface at the point where the object touches it
				Support force due to liquid or gas ; an object floating in or supported by air or liquid.
				forces applied to an object; they can be pushes or pulls; applied forces are not a 'type' of force, but a source of a force in a particular problem.
				a magnetic force can pull an object toward itself or push it away. A magnetic field is present.