SORTING OU	T THE FORCES	• .		
	es and pulls on objects can be The effections or both.			
Whether force change its motion, the	s produce changes in the shap nose forces can be applied thro ace (forces)	ough physical contact (•	
Object interaction		Identify the Field fo	Identify the Field force.	
A steel dressmaker's pin and a magnet.				
A cliff diver after jumping toward the water.				
A stray sock clinging to your shirt.				
Friction between a box dragged along the floor.				
The moon's orbit arou	ind the Earth			
A satellite's orbit arou	nd the Earth			
The Earth's orbit around the Sun				
that holds up your par These examples are th	ne pushes and pulls that we idents; the magnetic locks on barene observable results, or forces in nature.	nk vaults; the engine that	propels your car.	
Fill in the Fundamental Force in the blanks above their descriptions				
The attraction or repulsion between electrically charged objects. Opposites attract. ++ +- Like charges repel. ++ ++	The attraction between objects due to their mass and distance apart. * Moon & their planets * Sun & the planets * You and the person next you.	The attraction of neutrons and protons in the nucleus of an atom This force is stronger that the electromagnetic force since it holds (+) Protons together.	The attraction of spare neutrons in isotopes of certain elements; produces instability in those nuclei.	
range, or distance th	es vary in the strength of th at those bonds can act across. Ids : Rank the forces from s		uce and the	
The range: Sort the Within the nucleus Long range	ne forces by the distance the book of an atom	oonds can act across,		

Name: ______ Block: _____