



Forces Is With You Student Notes



- I. Force
 - a. A _____ or a pull
 - b. Measured in _____
 - c. Types
 - i. _____
 1. forces are equal but opposite and cancel each other
 - ii. _____
 1. forces are not equal and don't cancel
- II. Unbalanced Forces
 - a. Contact
 - i. Force that occurs when two objects are _____
 - ii. Examples
 1. _____
 2. Air resistance
 - b. Long-Range
 - i. Force that changes _____ without contact
 - ii. Examples
 1. _____
 2. Magnetism
 3. Electricity
- III. Friction
 - a. Force that _____ motion
 - b. Types
 - i. _____
 - ii. Sliding
 - iii. _____
- IV. Static Friction
 - a. _____ stationary object from moving on a surface
- V. Sliding Friction
 - a. Occurs when two surface _____ past one another
- VI. Rolling Friction
 - a. Makes a wheel roll _____ and backward
 - b. In same _____ as wheel
- VII. Air Resistance
 - a. Causes forward motion of object to _____
 - b. Acts in _____ direction of the object