Definition of Inertia:	Finish the phrase:
	Objects at rest
	Unless an
	force acts on it.
	Example:
	Diagram of forces acting on example:
Newton's First Law of Motion	
Finish the phrase: (The Law of Inertia) Other examples of objects obeying Newton's First Law of Motion:	
at a	1)
Unless an	2)
force acts on it.	3)
Example:	If any of these objects begin to accelerate, what do you know has occurred?
Diagram of forces acting on example:	