NAME	Kan	

I. NEV	VTON'S FIRST LAW OF MOTION		
1.	Newton's first law of motion is also known as the LAW OF Newton's first law says:		
	An object at rest stays at rest and an object in motion stays in motion with the same speed and in the same direction unless acted upon by an unbalanced force		
2.	What is inertia? a resent ance to change		
3.	What property of an object determines how much inertia it has?		
4.	Which of the following has more inertia?		
	a. Bowling ball or Tennis ball		
	b. Hammer or Feather		
II. NE	WTON'S SECOND LAW OF MOTION		
5.	Newton's second law of motion is also known as the LAW OF Acceleration		
	te acceleration of an object as produced by a net force is directly proportional to the magnitude of the net force, in e same direction as the net force, and inversely proportional to the mass of the object.		
6.	The greater the force that is applied, the <u>gealer</u> the acceleration.		
7.	The lesser the force that is applied, the the acceleration.		
8.	If the same force is applied to an object with a large mass, it will have a acceleration.		
9.	If the same force is applied to an object with a small mass, it will have a acceleration.		
10	. The equation that is used to solve second law problems is $\mathbf{F} = \mathbf{ma}$.		
	a. What do each of the variables mean?		
	F= Force m= Maci a= acceleration		
	b. What unit of measurement must be used with each variable?		
	$F = \underbrace{F_{0} C_{0}}_{\text{m}} \qquad m = \underbrace{M_{0} C_{0}}_{\text{m}} \qquad a = \underbrace{a = \underbrace{c \in k_{0} + b c_{0}}_{\text{m}}}_{\text{m}} \qquad a = \underbrace{m_{0} C_{0}}_{\text{m}} \qquad a = $		
III NE	EWTON'S THIRD LAW OF MOTION		
III. IVE	. Newton's third law of motion is also known as the LAW OF Action and Reaction.		
11	. Newton's third law of motion is also known as the LAW OF		
	For every action, there is an equal and opposite reaction.		
12	. Newton's third law states that forces must ALWAYS occur in		
13	. Listed below are ACTION forces. What is the REACTION force.		
	a. Your bottom pushing on your desk seat: desk fushing back on your button		
	b. A bat hitting a baseball base ball base ball		
	c. Your finger pressing on your phone screen while texting		
	your terest		

IV. UNDERSTANDING.....

Label each of the following images/descriptions below as being examples of 1st, 2nd, or 3rd law. Then EXPLAIN your answer!

