## **NEWTON'S LAWS WORKSHEET**

Ne	wton's first law says that
a.	an object that IS NOT MOVING, or is at, will stay at
	, <u>AND</u>
b.	an object that IS MOVING will keep moving with constant
	which means at the same and in the same
	, <u>UNLESS</u>
	an force acts on that object. hat is inertia?
l. W	hat property of an object determines how much inertia it has?
5. W	hich of the following has more inertia?
	a. Bowling ball or Tennis ball
	b. Hammer or Feather
	ewton's second law of motion is also known as the LAW OF
5. Ne	
5. Ne	ewton's second law of motion is also known as the LAW OF
6. N€	ewton's second law of motion is also known as the LAW OF  ewton's second law says that when an force is applied to a
7. Ne	ewton's second law of motion is also known as the LAW OF  ewton's second law says that when an force is applied to a, it causes it to
5. Ne 7. Ne 3. Th	ewton's second law of motion is also known as the LAW OF  ewton's second law says that when an force is applied to a , it causes it to  the greater the force that is applied, the the acceleration.
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7. Ne 	ewton's second law of motion is also known as the LAW OF  ewton's second law says that when an force is applied to a, it causes it to  the greater the force that is applied, the the acceleration.  the lesser the force that is applied, the the acceleration.  the same force is applied to an object with a large mass, it will have a
5. Ne 7. Ne 3. Th 9. Th 10. If ac	ewton's second law of motion is also known as the LAW OF  ewton's second law says that when an force is applied to a, it causes it to  be greater the force that is applied, the the acceleration.  the lesser the force that is applied, the the acceleration.  the same force is applied to an object with a large mass, it will have a  celeration.
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## **NEWTON'S LAWS WORKSHEET**

## III. NEWTON'S THIRD LAW OF MOTION

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14. Newton's third law says that every time there is an \_\_\_\_\_\_ force,

there is also a \_\_\_\_\_ force that is \_\_\_\_\_ in size and acts

in the \_\_\_\_\_ direction.

15. Newton's third law states that forces must ALWAYS occur in \_\_\_\_\_\_.

16. Listed below are ACTION forces. Tell the REACTION force.

a. Your bottom pushing on your desk seat

b. A bat hitting a baseball

c. Your finger pressing on your phone screen while texting

## IV. UNDERSTANDING.....

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

	F=20N		
m-ok	9		
	572pespe		
	weakteresse.	Literatura	
F=m.a			

Expl	anation:

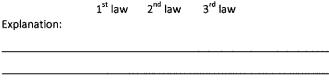
Explanation:

ation:		

1<sup>st</sup> law 2<sup>nd</sup> law 3<sup>rd</sup> law









Explanation:

