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## PHYSICS Worksheet Forces & Newton's Laws of Motion

Multiple Choice. Type the letter of the correct answer on the line to the left of the question or statement. Some statements are generalizations or misconceptions about Newton's laws, and do not have a correct answer.

	1	The more mass	an object has, the m	ore force required to	accelerate the object.		
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3 <sup>rd</sup> Law	D. None		
	2	What goes up, o	ventually must go d	own.			
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None		
	3	Eventually all objects at rest will be put into motion.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None		
					d to the force causing		
	4	the acceleration and inversely proportional to the mass of the object.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3 <sup>rd</sup> Law	D. None		
		If two objects interact, the force exerted by one object is equal to and opposite					
5	5	the force exerted by the other object.					
	A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None			
		An object in mo	tion wants to keep r	noving in a straight l	ine at a constant		
	6	velocity.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None		
				rnal forces will have	a change in its		
	7	original state of motion.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3 <sup>rd</sup> Law	D. None		
	8	Eventually all objects in motion will come to a rest.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None		
					magnet near the north		
	9	pole of the other magnet. The magnets quickly move toward each other.					
		A. 1st Law	B. 2 <sup>nd</sup> Law	C. 3rd Law	D. None		

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