		iviotion and Forces worksh	eet	
1.	a) the force of a dog on its leash		ng or pushing?	
			pulling	
	b)	the force of a person inserting a letter in an enve	- pushing	
	c)	the force of a magnet on a paper clip	Julling	
	d)	the force of a bowstring on an arrow	_spleshing	
2. How does the intensity of the Earth's gravitational field vary?				
Es long as air resistence is not a factor.				
as long as our resistance is not a feelor.				
3. What distinguishes mass from weight?				
	man = Substance's matter + does not change.			
_	Mass = Substance's matter + does not change. Weight = gravitational pull + can vary.			
4.	Plasma or li	quid crystal television sets are much lighter in weight screens. What is the weight of a television set that $ZSKS \times 9.8 \text{ N/KS} = 2.86 \text{ M/KS}$	ght than the old models with	
5.	a) Will sam	illustration opposite. I the mass of this explorer vehicle be the ne on Earth and Mars? Explain your wer. Matter Never Varies.		
	b) Will the weight of the explorer be the same on Earth and the moon? Explain your			
	answer.			
	No.	it will have more were	aht in earth	
	bera	use there is a greater of	ravilational pull	
6.	Determine which example refers to an accelerating force, decelerating force and a diversion. a- Bob kicked a ball across a soccer field and Carol kicked it back to him. Authorism b- It takes 3 hours to go to Orlando by plane, but when you come back home it takes 3.5 hours because of the wind. c- Sean threw a baseball.			
7.	If a car weig mass?	hs 905 kg, will it weigh more on earth or on the mo Weigh More on earth ane mans either in earth	oon? Where will it have more I gravity, but	
	50	ame man either in earth	or moon.	