Part 2: Fill in the blank.

Newton's first	: law of motion is-also known	as the LAW OF		•
Newton's first	: law says that an object that	IS NOT MOVING, o	or is at	
will stay at	, <u>AND</u> a	n object that IS MC	OVING will keep n	noving with constant
	, which me	eans at the same _		and in the same
, <u>UNLESS</u> an				_ force acts on that object
Newton's seco	and law of motion is also kno	own as		, Newton's
second law says that when an		force is	applied to a	, it causes i
to	The	greater the force t	hat is applied, the	<u> </u>
the acceleration	on. The lesser the force that	is applied, the		the acceleration. If
the same force	e is applied to an object with	a large mass, it wi	II have a	
acceleration. 1	f the same force is applied to	o an object with a s	small mass, it will	have
	acceleration.	•		
	deceleration.			
The equation t	that is used to solve second l	aw problems is <u>F =</u>	ma.	
What do each	of the variables mean?			
F =	m =	· · · · · · · · · · · · · · · · · · ·	a =	
What UNIT of	measurement must be used	with each variable	?	·
F =	m =		a =	****
Newton's third	d law says that every time the	ere is an		force, there is
	force th			
	directio			
	·			
Listed below a	re ACTION forces. Tell the RE	EACTION force.		
a.	Your bottom pushing on yo	our desk seat		
b.	A bat hitting a baseball			
c.	Your finger pressing on you	ur phone screen wh	nile texting	