Name	Class	Date		\prec
Skills Worksheet		(<u> </u>	



1	Identify which of Newton's three laws of motion specifically applies in each of the following situations:
	a. You feel a force against the sole of your foot as you take a step forward.
	b. A meteor moving in a straight path changes direction when it flies by Earth.
_	c. A full grocery cart that is pushed starts moving and increases speed, but the same push increases its speed even more when the cart is empty.
	d. A skateboard moves faster in the same direction it is pushed.
2	Apply Newton's third law of motion to explain have two hilliand halls
2.	Apply Newton's third law of motion to explain how two billiard balls moving toward each other at the same speed collide and move away from each other at the same speed as before.
	toward each other at the same speed collide and move away from each other
3.	toward each other at the same speed collide and move away from each other at the same speed as before. Apply the concept of momentum to compare the mass and velocity of a slow-

