ame	Class	Date
Skills Worksheet		
Concept Revie	W	
ection: Laws of Mo	otion	
. Interpret the following is being altered by an ap	g situations to determine wh oplied force (answer <i>Yes</i> or	nether an object's velocity No).
-	a. a batter hits a bas	eball upward into right field
•	b. a satellite orbits of 7000 m/s	Earth at a constant speed
	c. a submarine mov speed of 45 m/s	res due east at a constant
	d a falling book lan	do on the flags with
	collision speed or	
. Calculate the accelerat with an unbalanced force	collision speed or ion of a 82 kg couch that is	f 9 m/s
with an unbalanced force Apply Newton's first an	collision speed or ion of a 82 kg couch that is	pushed across the floor hy an object moving in a
with an unbalanced force Apply Newton's first an circular path at a consta	collision speed of tion of a 82 kg couch that is the of 21 N. d second laws to explain wi	f 9 m/s pushed across the floor hy an object moving in a
with an unbalanced force Apply Newton's first an circular path at a constate exerted on it.	collision speed of tion of a 82 kg couch that is the of 21 N. d second laws to explain wi	pushed across the floor hy an object moving in a eleration and has a force



that has a mass similar to a bowling ball.

6. Use the concept of inertia to illustrate why volleyball is not played with a ball