

Force and Motion Concept Drawings

Name: _____

Date: _____ Period _____

Term PLACE ICON BELOW TERM	Definition/description	Diagram/drawing <u>with captions</u> which demonstrates the concept
Motion	The change of position of an object.	
Force		
Friction	A force which opposes the sliding motion between two surfaces. Types include static, sliding, rolling, and air resistance.	
Gravity		
Speed	The measure of how fast an object is moving.	
Velocity		
Acceleration	A change in speed AND / OR the direction the object is moving (change in velocity).	

Term PLACE ICON BELOW TERM	Definition/description	Diagram/drawing <u>with captions</u> which demonstrates the concept
Net Force	The sum of all of the forces acting on an object	
Mass		
Momentum	A measure of an objects ability to move based on its mass and velocity.	
Newton's 1 st Law		
Newton's 2 nd Law	The relationship between force, mass, and acceleration. Force=Mass X Acceleration (F=MA)	
Newton's 3 rd Law		