

Cornell Notes <h1 style="margin: 0;">66</h1>	Topic/Objective: Newton's 2 nd Law	Name:
		Class/Period:
		Date:

Essential Question: How does force affect acceleration?

Questions:	Notes: Newton's 2nd Law
	Deals With Force And Acceleration
	A change in speed or direction is called _____.
	It takes an _____ to cause an acceleration.
	The acceleration of an object is directly related to the net force and inversely related to its mass.
	$F = ma$
	F = net force (N)
	m = mass (kg)
	a = acceleration (m/s^2)
	How much net force would be needed to cause a 20 kg mass to accelerate at $3 m/s^2$?

Summary:

Questions:	Notes: A 50 N force is applied to an object and a 20 N force of friction works
	against it. If the object has a mass of 5 kg, what is its acceleration?
	Newton's 3rd Law
Summary:	