**Newton’s Third Law**

3rd Law:



Use Newton’s Third Law to resolve these statements or situations:

The Earth weighs exactly as much as you do.

A smart ass (donkey) is hooked up to a cart. It says Newton’s 3rd Law states that every force has an equal and opposite reaction force. So, if he tries to pull the cart, there will be an equal and opposite force to balance that one, resulting in zero net force and no acceleration. How can you convince this donkey to move? (The ass only listens to physics reasoning, it mocks and belittles anybody who threatens it with physical or emotional harm)

**Summary**

Newton’s First Law:

Newton’s Second Law:

Newton’s Third Law: