

Ch 2 HW:RC; Sec 2.3 Written; Reinf Wks Sec 2.3
Sec 2.3A

obj: Describe inertia and explain how it is related to Newton's 1st Law of Motion.

Inertia

- A property that all objects have which resists a change in the objects motion.
- Object @ Rest stay @ Rest
- Objects that are in Motion stay in Motion
Motion is straight & w/ constant speed.

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- Inertia is Related to the objects mass.

* More Mass = More Inertia

Newton's First Law of Motion

- Newton's Laws of Motion Describes how objects move.

- Newton has 3 Laws.

- 1st Law (Law of Inertia)

Inertia - Objects @ Rest stay @ Rest, Objects in motion stay in straight Line Motion
unless a net force acts on the object.

* An object's state of motion will not change until a net force acts on it.

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- Newton's 2nd Law describes how an object accelerates.
- Newton's 3rd Law describes how objects interact w/ each other.

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