

Ch 3

Sec 3.2A

obj: According to Newton's third law of motion, how are forces between interacting bodies related?

Newton's Third Law of Motion

- Describes what happens between interacting bodies.
- When one body applies a net force on a second body the second body applies a net force on the first body.
 - * The direction of the net forces are opposite.
 - * The size of the net forces are equal.
- Even though the net forces are equal & opposite their accelerations are different because they have different masses.

- According to Newton's Third Law, net forces come in pairs.
 - * They are called the action force and the reaction force.