

READING ASSIGNMENT FOR SEPTEMBER 23

SECTION 5.3 AND 4.7

5.3 - Mass and Weight

- I find it more natural to introduce the relationship between mass and weight, $w = mg$, much earlier than the textbook, so you should probably look over the first paragraph of this section. Don't worry about the rest of this section, we'll come back to it later.

4.7 - Newton's Third Law

- The third law can be quite tricky, the most important thing to remember is that action and reaction act of different objects, they do *NOT* cancel each other out.
- The section on propulsion is useful in learning how we get around every day.
- Pay special attention to the Integrated Example 4.11. It shows how we use the third law when drawing free-body diagrams.