

Exam #1 Study Guide

Ch. 1 - 5

Exam: Tues 9/24/19

Review

All Class Notes up to 9/19/19:

Ch. 1-4, 5.1-3

HW #1-5

New Problems

Ch 1. Practice as needed after reviewing previous problems.

Ch 2. 2, 4, 7, 8, 14, 15, 18, 26, 27, 43, 44, 46, 65, 67

Ch 3. 13, 21, 22, 26, 64

Ch 4. 8, 10, 13, 15, 19, 20, 38, 40, 45, 46

Ch 5. 1, 2, 4, 5, 10, 11, 14, 16, 18

Remember: that a lot of the material that we are covering is cumulative and that I want everyone to always have the big picture in mind.

- Units and significant figures always matter.
- Vectors are vectors, not scalars.
- Acceleration → velocity → position rate relationships always hold.
- Acceleration isn't always constant!
- What can you always say about forces and what is circumstantial?