

**Final Review Guide: One page of handwritten notes is allowed.**

Kinematics in one dimension: Chapter 2.

2 problems: see problems 22, 28, 31, 34 on pages 95-96 in the text.

Kinematics to two dimensions. Free fall. Chapter 3

2 problems see problems; 25, 29, 38, 40, 46 (on pages 145-146 in the text.)

Newton's laws.. Chapter 4 and 5. (note: coefficient of friction are described on pages 210-211)

2 problems see problems: chpt. 4: 11, 18, 20, 26, 32, 46, 49 (pgs 197-202 in text)

See problems: chpt 5: 9, 10, 17,

Circular motion Newton's law of gravitation. Chapter 6

2 problems: 2, 5, 7, 10, 15, 19, 27 (starting on page 275 of text)

Work energy Chapter 7

3 problems. 6, 12, 15, 18, 24, 25, 34, 37, (starting on page 326)

Linear Momentum and collisions: Chapter 8

3 problems. 5, 7, 12, 15, 17, 18, 23, 24, 32, 26, 37. (starting on page 367)