

Regular Physics Dynamics Assignment Fun!!

Fun Assignment 1

- ☆ Reading: pp. 117 – 121, p. 133 (“Weight”) and p. 141
- ☆ Problems:
 - ☆ p. 122 P: 1 & 2
 - ☆ p. 122 FA: 3 – 5
 - ☆ p. 141 FA: 1, 2, 5
 - ☆ p. 143 Review: 7, 8, 10, 12, 23 & 24

Fun Assignment 2

- ☆ Reading: pp. 133 (starting with “Normal Force”) – 137 and p. 140
- ☆ Problems:
 - ☆ p. 137 P: 2 & 3 (a & b only)
 - ☆ p. 141 FA: 4
 - ☆ p. 144 Review: 25 (a & b only), 28, 32, 35

Fun Assignment 3

- ☆ Reading: pp. 364-366 (Trust me. ☺)
- ☆ Problems:
 - ☆ p. 367 P: 2 - 4
 - ☆ p. 394 Review: 8
 - ☆ Answer this question: Why in question 8 is the weight of the hanging object negative but the restoring force used in the equation positive? How does this relate to the negative sign in the Hooke’s Law equation?

Fun Assignment 4

- ☆ Reading: pp. 123 - 127
- ☆ Problems:
 - ☆ p. 126 P: 1 (Yes, it’s good to practice. ☺)
 - ☆ p. 127 FA: 1 – 5
 - ☆ p. 143 Review: 1 – 5, 6b,

Fun Assignment 5

- ☆ Reading: pp. pp. 128 - 129
- ☆ Problems:
 - ☆ p. 130 P: 1 – 5 (For #5, use the kinematic equations to solve for acceleration first. ☺)
 - ☆ p. 132 FA: 1 & 4
 - ☆ p. 145 R: 41

Fun Assignment 6

- ☆ Reading: pp. 130-132
- ☆ Problems:
 - ☆ p. 132 P: 2, 3, 5 (For 2, also list the results.)
 - ☆ p. 144 R: 13, 17, 18