

AP Physics Kinematics Orange Assignment Sheet

Shows date that class work is assigned. Due dates are in Canvas. Homework is due by the end of tutorial on the next day you have class.

<u>Class work</u>	<u>Homework</u>
8/18 Intro to Class, Roadrunner Physics Physics 500 Lab – Due Next Class	Read 2-1, 2-2, 2-3, 2-4 Sample Problem (SP) pg 16-17 Complete Lab (except 7 and 8), WebAssign K1
8/22 Discuss Lab – Due Today Start MBL Lab	Read 2-5, Sample Problem (SP) pg 18 Omit Check Point (CP) 2 Intro to Motion Packet pp H1-H3 WebAssign K2
8/24 Complete MBL Lab Due Next Class	Complete Intro to Motion Packet WebAssign K3
8/26 Discuss MBL Lab – Due Today MBL Lab Quiz	Kinematics Worksheet #1 – 4 Read 2-6, CP 3, Omit SP pg 21 WebAssign K4
8/30 Constant Acceleration Lab Due Next Class	Kinematics Worksheet #5 – 10 WebAssign K5
9/1 Complete Lab – Due Today Discuss Acceleration	Read 2-7, CP 4, SP pg 24, WebAssign K6
9/6 Super Ultimate Graphing Challenge Kinematics Quiz	Read 2-9, SP pg 26, CP 5 Kinematics WS #11 -14, WebAssign K7
9/8 Discuss Freefall Reaction Time Lab – Due Next Class	WebAssign K8 , SP pg 28
9/12 Review for Kinematics Test Kinematics Test	

Kinematics WS KEY 1: 1700m, 1.05 mi 2: 185.2 mi/hr, no 3: 1496 m 4: 1000 mi/hr, 0, 5: when large change in speed and/or direction occurs 6: earth rotates slowly, slower than an hour hand 7: -10 m/s/s 8: 90 m 9: 5 s 10: 12 m/s, 36 m 11: 7 s, 240.1 m 12: 176.4 m 13: 19.8 m/s, 2.02 s 14: 4.6 s, 103.5 m

Selected detailed solutions for worksheets on my Canvas Kinematics Page