Tuesday, September 30/14
Physics 112/111

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1. Student Information Sheets
2. Quiz: U1-S1 -> Thursday, Oct. 2/14
3. Velocity-Time Graph Worksheets
4. Review for Quiz

Topics -> Quiz: U1 - S1

-> kinematics
-> frame of reference - fixed/moving
-> physical quantities - scalars -> magnitude
- vectors -> magnitude and direction
-> vector notation
-> adding vectors graphically - tip-to-tail method
- parallelogram method
-> finding $\vec{R}$ - graphically
- mathematically
} rubrics
-> distance, position, displacement, speed, velocity, acceleration
(type of quantity, symbol, unit, definitions, formulas)
-> types of motion - uniform motion
- uniformly accelerated motion
-> position-time graph - be able to interpret
-> velocity-time graph - be able to interpret and perform calculations

Velocity vs. Time Graph #3

1. 0.127 m/s^2, W
2. 105 s, 45.0 s
3. 18.0 m/s, W
4. 18.0 m/s, W
5. 1.22×10^3 m
6. 18.0 m/s
7. 105 s
8. 8.13 m/s
9. 2.70 m/s, E
10. 0 m/s^2
11. 0 s