Tuesday, February 19/13
Physics 112/111

Level 1 - Perpendicular Components - Worksheet

1. Return - Marks for Rewrites
   Marks for Quiz -> Finding R

   See me if you made corrections but were absent Friday } - Can write Thurs. at noon

2. Check: Worksheets: Velocity -Time Graphs

3. ICA: Velocity-Time Graph -> Tomorrow - Wed

4. Checklist - Word Problems

5. Kinematic Equations - Continue Tomorrow

Velocity-Time Graph #1

1. max speed 24 m/s
2. max velocity 24 m/s, west
3. 15 s
4. a) 12 m/s, east
   b) 12 m/s, west
5. a) 1.8 m/s², E
   b) 1.2 m/s², W
   c) 2.4 m/s², W
   d) 0 m/s²
   e) 1.2 m/s², E
   f) 1.0 m/s², W
6. east 85 s
   west 50 s
7. 190 m, East
8. 1870 m ⇒ 1.87×10^3 m
9. 1.27 m/s, East
10. 12.5 m/s
11. 0.080 m/s², E
12. 16.8 m/s, W

Velocity-Time Graph #2

1. 20 m/s, south
2. 50s, 65s, 90s
3. 0 m/s
4. 2.4 m/s², north
5. 0.58 m/s², South
6. 65s
7. 20 m/s
8. 1100m
9. 0.57 m/s, South
10. 7.9 m/s