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1. Quiz - Average Speed Problems - Rewrite at Noon
  2. Topics for This Week's Test - Questions?
  3. Understanding Concepts: Page 365, #1-6 -> Answer Key
  4. Chapter 9 - Review

Understanding Concepts: Page 376 -> #1, 3

Applying Inquiry Skills: Page 376 -> #7-10, 12 (a, b)

Making Connections: Page 377 -> #14

**Test: Chapter 9 -> Wednesday**

Stopped Here P3

5. Chapter 10 - Distance, Speed and Acceleration (Page 378)
6. Defining Acceleration, Constant Acceleration, Ave. Acceleration  
Stopped Here P4
7. Sample Problems



## Chapter 9 - Test Topics

1. significant digits
2. certainty - certain and uncertain digits (check mark, question mark)
3. certainty rule (multiplying and dividing)
4. precision rule (adding and subtracting)
5. converting units - use conversion factors or shortcuts
6. uniform motion - constant speed in a straight line
7. instantaneous speed
8. average speed
9.  $v_{\text{ave}} = \frac{d}{t}$        $v_{\text{ave}}$  - average speed (m/s, km/h)  
    $d$  - distance (m, km)  
    $t$  - time (s, h)
10. Full value for problems - know what needs to be included in your solution
11. graphs - independent and dependent variables
  - line of best fit
  - slope

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

12. distance vs time graph - time (independent variable)
  - distance (dependent variable)
  - average speed (slope)

$$v = \frac{d_2 - d_1}{t_2 - t_1}$$

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Understanding Concepts: Page 365, #1-6

### Chapter 9 - Review

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