Thursday, November 8/12
Science 10

Announcements

1. Quiz - Make arrangements if you have not written yet.
   - Return

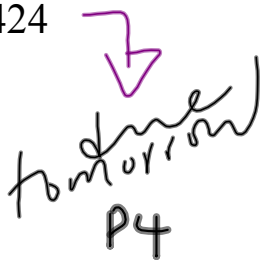
2. Check - Understanding Concepts: Page 423, #3, 5 and 6

3. Activity: Adding Displacement Vectors - Page 424
   P4

4. Velocity and Average Velocity
   P3

5. Chapter 11 Review - Page 442

6. Explore an Issue - Athletes on the Edge - Page 430



http://www.rcdb.com/

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Sample Problem 1

A train travels at a constant speed through the countryside and has a displacement 150 km [E] in a time of 1.7 h. What is the velocity of the train?

The velocity of the train is 88 km/h [E].

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Sample Problem 2

Monarch butterflies migrate from Eastern Canada to central Mexico (**Figure 4**), a resultant displacement of about 3500 km [SW] in a time of about 91 d. What is the average velocity of the monarch butterflies in kilometres per hour?

The average velocity is 1.6 km/h [SW]

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Sample Problem 3

A monarch butterfly usually flies during the day and rests at night on its migration. If a particular butterfly is travelling at an average velocity of 19 km/h [S] for 230 km [S] on one part of its journey to Mexico, how long does this take?