Velocity Problems 3
Physical Science and Technology

Instructions: Please complete these problems on your own sheet of paper – write your name, today's date, and the due date (today) in the top left corner of your paper. Write the title of this assignment ("Velocity Problems 3") across the top of your page. Use the Five Steps for each problem.

1. A huffalump is flapping through the air. If it flaps with a velocity of 22.7 m/s and flaps for 16.5 s, how far does it go?

2. A purple mollusk is floating in space. If it floats for 88.71 seconds and travels 1542.6 meters, what is its velocity?

3. A kindly death viper is slithering through the forest. If it slithers for 7844.5 meters and its velocity is 22.1 m/s, for how long was it slithering?

4. A yellow-footed Buckminster is eating a piece of pizza. If it eats 91 meters of pizza at a velocity of 4 m/s, for how long was it eating?

5. The yellow-footed Buckminster from question 4 is chasing the kindly death viper from question 3. If the yellow-footed Buckminster is running at 2.33 m/s and it runs for 66.45 seconds, how far did it go?

6. The purple mollusk from question 2 is riding on top of the heffalump from question 1. If they ride for 6542.1 m and travel for 10887.1 seconds, what is their velocity?