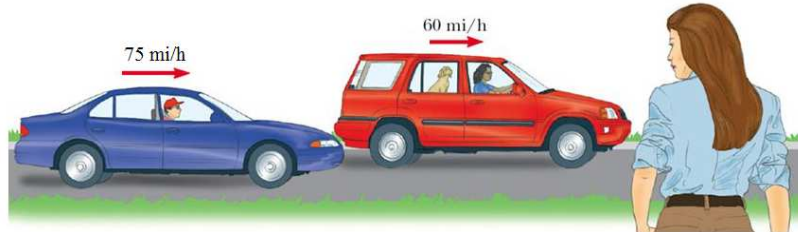


Name \_\_\_\_\_  
Honors Physics  
Period \_\_\_\_\_

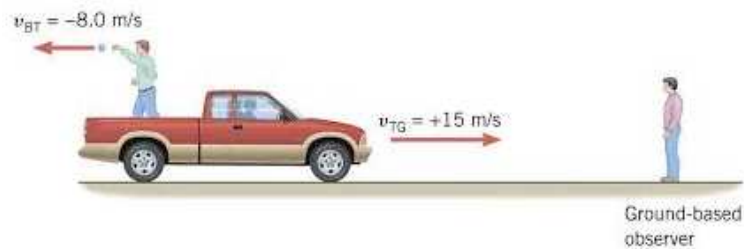
Date \_\_\_\_\_  
Kinematics WS #1H  
Mrs. Nadworny

## Introduction to Mechanics

**Directions:** Read textbook p. 84 – 85 and 39 – 42. Use the information and the notes taken in class to help you answer the following questions.



1. Kerri Okey is traveling at 60. mi/h eastward. Raynor Shine is also driving eastward at 75 mi/h. How fast does Kerri appear to be moving according to:
  - a. Raynor?
  - b. The female observer standing on the sidewalk?



2. Phil Down is riding in the back of a pickup truck when he throws a baseball. How fast does the driver in the pick-up truck view the baseball?
3. While Hal O. Gin is traveling along an interstate highway, he notices a 170. mile marker as he passes through town. Later Hal stops near the 105 mile marker.
  - a. What is the distance between the town and Hal's current location?
  - b. What is Hal's current position?