

Name: _____

Mr. Croom's Physics

Date: _____

Chapter 2: One Dimensional Motion

9. Giancoli p. 42 #10) an airplane travels 2100 km at a speed of 800 km/h and then encounters a tail wind that boosts it speed to 1000 km/h, for the next 1800 km.
- What was the total time of the trip in hours?
 - What was the total time of the trip in minutes?
 - What was the average speed of the plane for the trip?
 - What was the average velocity of the plane for the trip?
10. Giancoli p. 42 #11) A person takes a round trip in which the outgoing 200 km is covered at 90 km/h, followed by a 1 hour lunch break, and return 200km is covered at 50 km/h.
- What is the average velocity?
 - What is the average speed in km/h?
 - What is the average speed in m/s?