

Phys 2320    Spring 2023    Problems related to Workshop 1  
Main topic: definition of velocity, uniform velocity

Alan leaves Los Angeles at 8:00 A.M. to drive to San Francisco 400 mi away. He manages to travel at a steady 50 mph in spite of traffic. Beth leaves Los Angeles at 9:00 A.M. and surprisingly manages to also drive at a constant speed, in this case 60 mph. (Problem 2.1 from Knight 4th Edition). Draw the plots of the position vs time of Alan and Beth. Who gets to San Francisco first? Answer: Beth. How long does the first to arrive have to wait for the second? Answer: 20 minutes.