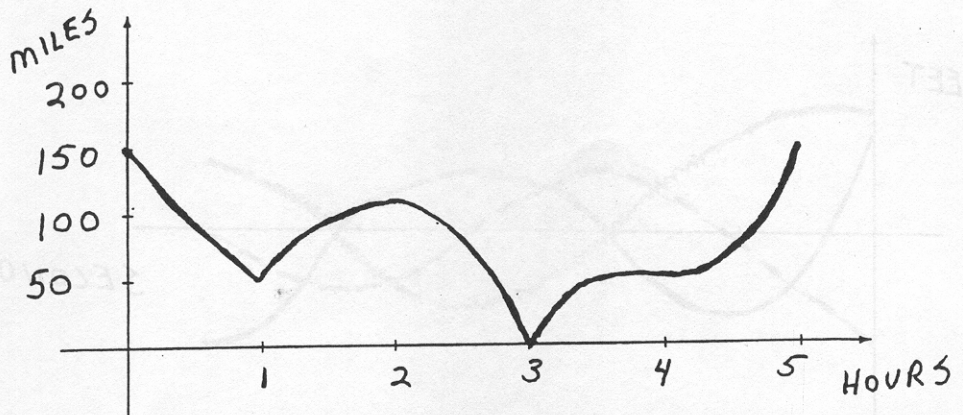


6. John Mackey goes for a drive in Stephanie Yang's car. The following graph shows a position of the car as he is driving along a (straight) highway.



- (a) (5 points) At how many points was he driving with a velocity of exactly 50 mph? Indicate those points on the graph.  
 (b) (5 points) Sketch a graph of the velocity of the car.

