Math 229 Introduction to the Derivative 06/06/2008

Example: The following graph gives the distance of a car driving away from Fargo as a function of time. distance (in miles)



- 1. How far away from Fargo is the car after 4 hours?
- 5. How fast was the car traveling 150 minutes into the trip?

- 2. What was the average speed of the car over the entire 4 hour drive?
- 6. How fast was the car traveling 90 minutes into the trip?
- 3. What was the average speed of the car during the first two hours of the trip?

- 4. What was the average speed of the car during the second hour of the trip?
- 7. When, during the trip was the car going the fastest?