Math 121 Project 1

Name KEY

An illustration of an aquarium and a graph of its water level as a function of time is shown below. When the faucet is on, the water level rises at a steady rate. Similarly, when the plug is pulled out, the water level falls at a steady rate that is slower than the faucet's rate. At various times, some events happen that affect the water level and/or the rate at which the water level changes. In the exercises below, you are asked to identify at EXACTLY what time t the given event occurred.

