Algebra I Class Work 3.7

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

1. Kerrick rides his bicycle to work at 6 mi/hr and rides home at 4 mi/hr. How far is the farm from his house if it takes 50 minutes going to and from?
2. Mr. Brubaker leaves Honey Pot for Peach Bottom traveling 48 mi/hr. Mrs. Brubaker leaves Peach Bottom for Honey Pot traveling at 50 mi/hr. If Honey Pot and Peach Bottom are 147 miles apart how long will each of them travel before they meet?
3. A train leaves the station at 3:00 PM traveling at 34 mi/hr, and another train leaves the same station at 5:00 PM traveling at 68 mi/hr. If the trains run on parallel tracks, what time will it be when the second train catches up with the first?