Pre-Algebra Class Work 8.3

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.

Write and equation and solve.

1. Twenty-five more than seven times a number is 46 more than four times the number.
2. Find two consecutive odd integers such that 20 more than the first equals 5 added to twice the larger.
3. The sail fish is the fastest fish in the world. Suppose it takes 2hr. to swim 154 mi. with an ocean current of 10 mi./hr., how fast can the fish swim in still water.