Pre-Algebra Class Work 8.5

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 an inequality and solve.

1. Four times a number added to 12 is less than 9.
2. Four times a number added to 12 is not less than 9.
3. The difference between a number and 2 is more than 8.

Write an inequality but do not solve.

1. The difference between a number and 2 is no more than 8.
2. The sum of three consecutive odd integers exceeds 20.