Algebra I Class Work 2.1

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.

Evaluate each expression with a domain of {–5, 2, 3}.

1. *x +* 15
2. 3*y –* 8
3. 12*x*2 – 9

Translate each word phrase into an algebraic expression.

1. The number of pennies if you have five more pennies than the number of nickels.
2. The length of a rectangle if it is 10 in. longer that twice the width.
3. The difference between a number and twelve times the number.