Algebra I Class Work 2.3

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.

Combine like terms.

1. $3x^{2}+5x^{2}-7x^{4}+x^{2}-6x$
2. $4x+7y-3x-7y^{2}+8y$
3. $5x^{2}+3xy+2xy^{2}+4xy$

Simplify.

1. $5a+\left(3a+b\right)-2b$
2. $x+y-\left(3x+7y\right)$
3. $2\left(7a+b\right)-5\left(12b+6a\right)$