Algebra I Class Work 9.3

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.

Simplify.

1. $2xy\left(3xy\right)$
2. $3a\left(a^{2}-5a+2\right)$
3. $3xy^{4}\left(-7x^{2}y\right)$

1. $\left(x^{2}+3x-9\right)\left(x-6\right)$
2. $\left(a^{2}-2a+6\right)\left(a^{2}+4a+9\right)$