Algebra I Class Work 10.4

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.

Factor.

1. $a^{2}-36$
2. $2x^{2}-128$
3. $9y^{2}-225$
4. $x^{2}+12ab+36b^{2}$
5. $3x^{2}-72xy+432y^{2}$