Algebra I Class Work 8.1

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.

Simplify.

1. $x^{2}y^{3}x^{4}y^{3}$
2. $2y∙5y^{2}$
3. $\left(c^{7}\right)^{5}$
4. $\left(-a^{2}b^{3}c^{4}\right)^{5}$
5. $3aabbbbc^{3}-a^{2}b^{4}ccc$