Algebra I Class Work 11.2

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. $\sqrt{45}$
2. $\sqrt{288}$
3. $\sqrt{121x^{8}y^{6}}$
4. $\sqrt[3]{-a^{6}b^{3}}$
5. $\sqrt[4]{81x^{8}y^{4}}$