Algebra II Class Work 7.4

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.

Simplify.

1. $6\sqrt[3]{4a^{2}}∙2\sqrt[3]{2a^{2}}$

1. $\left(2+\sqrt{3}\right)\left(2-\sqrt{3}\right)$
2. $4^{x}∙32^{x+1}$
3. $\sqrt{5xy^{5}}∙\sqrt{35xy^{3}}$