Algebra II Class Work 7.6

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.

Solve.

1. $x-4\sqrt{3x}+12=0$
2. $x\sqrt{3}-5\sqrt{3}+x$
3. $3^{2x}=81$
4. $3\sqrt{x+5}-4=8-\sqrt{x+5}$