Algebra I Class Work 12.1

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.

1. $\left(x-6\right)\left(x-5\right)=0$
2. $3x\left(x-1\right)=0$
3. $x^{2}+14x+40$
4. $x^{3}-12x^{2}=-35x$