Algebra I Class Work 9.1

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.

Classify each polynomial by its number of terms and its degree.

1. $8xy+4$
2. $-13xy^{3}z$
3. $5x^{2}+6x-2$
4. $3x-4$
5. $9x^{2}+2x^{3}y^{3}-3y+15$

Evaluate when *x* = - 1, *y* = 6, and *z* = - 5.

1. $2xy$
2. $x+4y^{2}-8z$
3. $x^{2}y-xy^{2}+3z$