Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

**Factoring Review**

**GCF: Greatest Common Factor:**

* Find the GCF and factor it out of the expression
* You want to find the biggest number that can divide into all numbers
* Remember you must take the same from each term!

1. 3x – 15 2.  3. 

4.  5.  6. 

**Trinomials: **

* Find multiples of c that combine to be b
* If a ≠1, then multiply a by c and follow the previous step. Divide by the a and simplify.

7.  8.  9. 

10.  11.  12. 

13.  14.  15. 

16.  17.  18. 

**Special Trinomials:**

* Difference of Perfect Squares: 2 terms with a subtraction sign- take square root of a and c

19.  20.  21. 

22.  23.  24. 

Grouping:

* Group the 1st two terms and the 2nd two terms- always have a plus sign between the parenthesis
* Take out the GCF ad simplify

25.  26. 

27. (factor completely) 28.  (factor completely)