Algebra II- Mrs. Tilus Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Factoring Review

**Factoring Thought Process**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 Example:
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 Example:
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 Example:
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 Example:
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🡪 Example:

1. $x^{2}+17x-18$ 2. $2n^{2}+8$ 3. $x^{2}-24x-81$

4. $m^{2}-36$ 5. $x^{2}+20x+75$ 6. $x^{3}+64$

7. $25x^{2}+49$ 8. $9-t^{2}$ 9. $y^{2}-2y-24$

10. $x^{2}-26x+48$ 11. $6x^{2}+23x+20$ 12. $x^{2}-8x+20$

13. $27x^{3}-125$ 14. $9x^{2}-5x-10$ 15.$ 4x^{3}+44x^{2}+40x$

16. $30n^{2}b-87nb+30b$ 17. $15y^{3}-9y^{2}+3y$ 18. $2x^{4}-8x^{2}$