**Math 2 Factoring Trinomials Notes**

**Multiply:**

**1)** (j + 5)(j + 7) **2)** (4y + 1)(5y – 2)

**Factoring Trinomials: ax2 + bx + c**

\*\*\*I strongly suggest that you write in pencil as you are trying to factor these problems so that if it doesn’t work the first time, you can ERASE and TRY AGAIN!!!

1. x2 + 16x + 28 2. k2 – 8k – 65

3. x2 + 12x + 27 4. a2 – 8a – 15

5. 7x2 – 9x + 2 6. 8x2 + 18x + 9

7. 8v2 – 14v – 15 8. 6x2 – 11x + 4

9. 4x2 + 4x – 15 10. 3y2 – 16y – 12

11. 7x2 – 26x – 8 12. 6y2 – 5y + 1

13. 6x2 + x – 5 14. 4x2 + 19x + 12