Name:_____   Date:_____

Factoring Trinomials 8 – $a > 1, c = 1$

Section I. Factoring trinomials

1a. $x^2 + 9x + 14$ 1b. $14x^2 + 9x + 1$

2a. $x^2 - 2x - 8$ 2b. $8x^2 - 2x - 1$

3a. $x^2 + 13x - 30$ 3b. $30x^2 + 13x - 1$

4a. $x^2 - 10x + 21$ 4b. $21x^2 - 10x + 1$

5. $35x^2 + 12x + 1$ 6. $8x^2 + 9x + 1$

7. $32x^2 - 12x + 1$ 8. $5x^2 - 6x + 1$

9. $24x^2 + 2x - 1$ 10. $27x^2 + 6x - 1$

11. $40x^2 - 18x - 1$ 12. $56x^2 - x - 1$