

Name: _____

Period: _____ Date: _____

Simplifying Variable Expressions Using Distribution and CLT

Section I. Simplify using Distribution and/or Combining Like Terms.

1. $(2x + 5) + (7x - 16)$

2. $7(3 + x) + (9x - 8)$

3. $12x - 7 - 4x + 3$

4. $-4(x - 9) + 5(2x - 1)$

5. $(x + 8) - (5x - 9)$

6. $(4x - 7) - (2x + 11)$

7. $2(8x + 9) - (7x + 10)$

8. $4(x - 5) - (3x - 14)$

9. $-7(3 - 4x)$

10. $-8(x + 2)$

11. $(x - 2) - 7(3 - 4x)$

12. $(x + 5) - 8(x + 2)$

13. $-3(6 - 11x)$

14. $-9(8 - x)$

15. $-7(2x + 1) - 3(6 - 11x)$

16. $3(x + 7) - 9(8 - x)$

17. $x(6 - x) + 4(2x - 5)$

18. $x(3 + x) + 5(x + 6)$

19. $x(6 - x) - 4(2x - 5)$

20. $x(3 + x) - 5(x + 6)$