

Name: _____

Period: _____ Date: _____

Distributing a Negative **Answers**

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

1. $9 - (7 + x)$

$2 - x$

2. $15 - (3 + x)$

$12 - x$

3. $-4 - (x - 15)$

$11 - x$

4. $11 - (x - 6)$

$17 - x$

5. $12 - (10 - x)$

$2 + x$

6. $-7 - (7 - 2x)$

$-14 + 2x$

7. $5x - (8 + x)$

$4x - 8$

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

$2x - 7$

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

$5x - 3$

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

$-9x - 2$

11. $x - (x - 8)$

8

12. $2 - (x + 5)$

$-3 - x$

13. $5x - (x + 4)$

$4x - 4$

14. $-9 - (8 - x)$

$x - 17$

15. $(12 - 7x) - (3x + 1)$

$11 - 10x$

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

-10

17. $x - (6 - x)$

$2x - 6$

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

$4x - 6$

19. $(4x - 21) - (9 - 2x)$

$6x - 30$

20. $(14 - 6x) - (8 - 2x)$

$6 - 4x$