

Name _____

Simplifying Expressions

Simplifying Expressions Using the Product of Binomials.

1) $(x + 3)(x + 2)$

$x^2 + 5x + 6$

3) $(x + 1)(x - 5)$

$x^2 + 4x - 5$

5) $(x + 7)(x - 3)$

$x^2 + 4x - 21$

7) $(x + 5)(x + 5)$

$x^2 + 10x + 25$

9) $(x + 8)(x - 2)$

$x^2 + 6x - 16$

11) $(x + 3)(x + 3)$

$x^2 + 6x + 9$

13) $(2x - 3)(2x - 3)$

$4x^2 - 12x + 9$

2) $(x - 4)(x - 3)$

$x^2 - 7x + 12$

4) $(x + 4)(x - 6)$

$x^2 - 2x - 24$

6) $(x + 7)(x - 3)$

$x^2 + 4x - 21$

8) $(x - 1)(x + 6)$

$x^2 + 5x - 6$

10) $(x - 4)(x + 2)$

$x^2 - 2x - 8$

12) $(x - 5)(x - 5)$

$x^2 - 10x + 25$

14) $(x + 1)(x + 1)$

$x^2 + 2x + 1$