

Name: _____

Date: _____

Multiplying Binomials **Answers**

Section I. Multiply the binomials

1. $(x + 5)(x + 1)$

$$x^2 + 6x + 5$$

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

$$x^2 - 5x - 14$$

3. $(x + 6)(x - 1)$

$$x^2 + 5x - 6$$

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

$$x^2 - 12x + 27$$

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

$$x^2 + 7x - 18$$

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

$$x^2 - 2x - 24$$

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

$$x^2 - 7x + 12$$

8. $(x - 3)(x + 4)$

$$x^2 + x - 12$$

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

$$x^2 - x - 12$$

10. $(x + 3)(x + 4)$

$$x^2 + 7x + 12$$

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

$$2x^2 + 18x + 28$$

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

$$2x^2 - 11x - 40$$

13. $(3x - 2)(x + 10)$

$$3x^2 + 28x - 20$$

14. $(2x - 4)(x - 9)$

$$2x^2 - 22x + 36$$

15. $(3x - 1)(5x + 8)$

$$15x^2 + 19x - 8$$

16. $(2x - 8)(2x + 4)$

$$4x^2 - 8x - 32$$