Multiplying Polynomials   *Name:* _____

Find the product of each set of polynomials.

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

2. $(x - 1)(x + 10)$

3. $(2a - 3)(a + 5)$

4. $(x^2 + 2x + 1)(x + 1)$

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

6. $(x + 3)(x^2 + x + 4)$

7. $(5a + b)(a + 2b)$

8. $(9 - k)(k + 2)$

9. $(d - 7)(3 - d)$

10. $(h^2 + 3h)(h + 7)$

11. $(6x^2 + 3x - 2)(x^2 - 5x + 1)$

12. $(x + y)(x^2 + xy + y)$