

# Multiplying Polynomials Practice

Name: \_\_\_\_\_

1.  $4(5y^4)$

2.  $(7d^3)(6d^5)$

3.  $(-2x)(10x^9)$

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

5.  $(5p + 1)(p^2 - p)$

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

7.  $(2w + 5)(w - 3)$

8.  $(x^2 + 3)(x - 4)$

9.  $(x + 2)^2$

10.  $(d - 3)^2$

11.  $(y - 5)(y^3 + 6y^2 + 18y)$

12.  $(x - 3)(4x^2 + 8x - 5)$

13.  $(5x + 1)(x^2 - x + 4)$

14.  $(2x + 1)(3x^2 - x - 1)$

15.  $(x - 4)^3$

16.  $(x^2 + x + 3)(x^3 - x^2 + 4)$

17.  $(2x^2 + 2x + 5)(x^2 + 3x + 2)$