

Name: _____

Date: _____

Special Products

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

2. $(x+4)^2$

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

4. $(6-x^2)^2$

Use the **Binomial Theorem** and Pascal's Triangle to write each binomial expansion.

5. $(x+4)^3$

6. $(x-3y)^4$

7. $(3x+2)^3$

8. $(x^2+2)^5$

Special Products

1. $(4x - 5)(4x + 5)$	2. $(2y + 5x)^2$
3. $(7y - x)^2$	4. $(2x^2 + 3)^2$

Use the **Binomial Theorem** and Pascal's Triangle to write each binomial expansion.

5. $(x - 5)^3$	6. $(x^2 - 2)^4$
7. $(2x + 3y)^3$	8. $(2x + 5)^4$
9. $(x^3 + 2y)^5$	10. $(2x^2 - 3y^2)^3$