

Name \_\_\_\_\_

# Binomial Expansion Worksheet #2

Expand each binomial raised to a power using Pascal's Triangle.

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

2.  $(x - 2)^5$

3.  $(x + 3y)^4$

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

Find the indicated term:

5. The 6th term of  $(x + y)^7$

6. The 8th term of  $(x - 2y)^{10}$

7. The 7th term of  $(10x - z)^9$

8. The 6th term of  $(2x + 5y)^5$