

Binomial Expansion Worksheet 1

Name _____

Period # _____

Expand the following expressions using the Binomial Theorem. Circle your answers.

1) $(4n + 3)^3$

2) $(2a - 2)^4$

3) $(b + 4)^5$

Use the Binomial Theorem to find the indicated term or coefficient.

4) The coefficient of x^3 in the expansion of $(x - 4)^9$ _____

5) The fifth term in the expansion of $(n + 3)^6$ _____

6) The coefficient of x^5 in the expansion of $(2x - 2y)^{11}$ _____

7) The 8th term in the expansion of $(x + 2)^{12}$ _____