

I. Using combinations to expand each binomial completely. Must show work!

1.) $(m + 5)^3$	2.) $(4x - y)^4$
3.) $(2x + 3)^5$	4.) $(3x^3 - 4)^3$
5.) $(2a + 5b^2)^6$	6.) $(1 - 4n)^3$
7.) $(5m^2 - 2n^4)^4$	8.) $(4a^4 + 3b^3)^5$

II. Determine the specific term using the expanded binomial. Must show work!

9.) Third term of $(1 + 2y)^5$	10.) Second term of $(2x + y)^4$	11.) Fifth term of $(3x + 4)^6$
12.) Middle term of $(x - 3)^8$	13.) Fourth term of $(2 - 3a)^7$	14.) Third term of $(4m + 1)^4$
15.) Sixth term of $(x + 3y)^5$	16.) Middle term of $(4x + 5)^6$	17.) Fifth term of $(3m + n)^5$
18.) Fourth term of $(x - 2y)^6$	19.) Third term of $(2x - 5)^4$	20.) Second term of $(x^2 + 4y)^5$