Honors Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Binomial Expansion Theorem Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

**Simplify completely.**

|  |  |
| --- | --- |
| 1.)  | 2.)  |
| 3.)  | 4.)  |

**Use the Binomial Expansion Theorem to complete the following binomials.**

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| 5.) Find the 2nd term of the polynomial  using the expansion theorem. |
| 6.) Find the 3rd term of the polynomial  using the expansion theorem.  |
| 7.) Simplify completely:  |
| 8.) Simplify completely:  |