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.**

|  |
| --- |
| 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: |