|  |  |
| --- | --- |
| **Can We Expand** | |
| Let’s start by expanding | Now extend this to expand |
| Finally, try expanding | |
| Now look at the **coefficients** of each of the terms:   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  | | | | | | **1** |  | **1** |  | | | | | | |  |  | | | | |  |  |  |  |  |  | | | | | |  |  | | | |  |  |  |  |  |  |  |  | | | | |  |  | | |  |  |  |  |  |  |  |  |  |  | | | |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   Can you spot and continue the pattern? Do you know what the pattern is called? | |