**Binomial Expansion**

Expand:

|  |  |
| --- | --- |
|  |  |

Find the coefficient of the term:

|  |  |  |
| --- | --- | --- |
|  |  |  |

**Binomial Expansion - Answers**

Expand:

|  |  |
| --- | --- |
|  |  |
| =  = | |  |  | | --- | --- | | = | = | |

Find the coefficient of the term:

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Coefficient is | Coefficient is | See table below. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| features in the following terms only:   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  |   Coefficient is |