7-3 Polynomials

Define (p376-377):

Polynomial:

Binomial:

Trinomial:

Degree of a monomial:

Degree of a polynomial:

Ascending order:

Descending order:

Examples:

|  |  |  |
| --- | --- | --- |
| monomial | binomial | trinomial |
| 7 | 3+4y | x+y+z |
|  |  |  |

1. X
2. -8
3. 2x-3yz

Degree of a monomial:

|  |  |
| --- | --- |
| Monomial | degree |
|  | 4 |
| 3a | 1 |
|  | 6 |
| 7 | 0 |

Degree of a polynomial:

|  |  |  |  |
| --- | --- | --- | --- |
| polynomial | terms | Degree of each term | Degree of polynomial |
|  |  | 3 | 3 |
|  |  | 4,2,0 | 4 |
|  | 3a, 7ab, | 1,2,3,0 | 3 |