**Prueba de escritorio**

**formato:** polinomio → (grado, exponente)

**Leer polinomio:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **opcion** | **grado** | **cab** | **i** | **c** | **aux** | **polinomio** |
| **Polinomio 1** | | | | | | |
| 1 | 2 |  | 2 | (2,2) | (2,2) | **2x2** + 5x - 6 |
|  |  |  | 1 | (2,2; 5,1) | (5,1) | 2x2 + **5x** - 6 |
|  |  |  | 0 | (2,2; 5,1; -6,0) | (-6,0) | 2x2 + 5x **- 6** |
|  |  | **(2,2; 5,1; -6,0)** |  |  |  |  |
| **Polinomio 2** | | | | | | |
| 1 | 2 |  | 2 | (3,2) | (3,2) | **3x2** - 6x + 3 |
|  |  |  | 1 | (3,2; -6,1) | (-6,1) | 3x2 **- 6x** +3 |
|  |  |  | 0 | (3,2; -6,1; 3,0) | (3,0) | 3x2 - 6x **+ 3** |
|  |  | **(3,2; -6,1; 3,0)** |  |  |  |  |

**Multiplicación de polinomios:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **opcion** | **cabm** | **p1** | **p2** | **aux** | **cr** | **x** |
| 6 |  | (2,2) | (3,2) | (6,4) | (6,4) | (3,2) |
|  |  |  |  | (-12,3) | (6,4; -12,3) | (-6,1) |
|  |  |  |  | (6,2) | (6,4; -12,3, -6,2) | (3,0) |
|  |  | (5,1) |  | (15,3) | (6,4; -12,3, 6,2, 15,3) | (3,2) |
|  |  |  |  | (-30,2) | (6,4; -12,3, 6,2; 15,3; -30,2) | (-6,1) |
|  |  |  |  | (15,1) | (6,4; -12,3, 6,2; 15,3; -30,2; 15,1) | (3,0) |
|  |  | (-6,0) |  | (-18,2) | (6,4; -12,3, 6,2; 15,3; -30,2; 15,1; -18,2) | (3,2) |
|  |  |  |  | (36,1) | (6,4; -12,3, 6,2; 15,3; -30,2; 15,1; -18,2; 36,1) | (-6,1) |
|  |  |  |  | (-18,0) | (6,4; -12,3, 6,2; 15,3; -30,2; 15,1; -18,2; 36,1, -18,0) | (3,0) |
|  | **(6,4; -12,3, 6,2; 15,3; -30,2; 15,1; -18,2; 36,1, -18,0)** |  |  |  |  |  |

**Reducir términos semejantes:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **cabm** | **p** | **y** | **a** | **a.sig** |
| (6,4; -12,3, 6,2; 15,3; -30,2; 15,1; -18,2; 36,1, -18,0) | (6,4) | (-12,3) | (6,4) |  |
|  |  | (6,2) | (-12,3) |  |
|  |  | (15,3) | (6,2) |  |
|  |  | (-30,2) | (15,3) |  |
|  |  | (15,1) | (-30,2) |  |
|  |  | (-18,2) | (15,1) |  |
|  |  | (36,1) | (-18,2) |  |
|  |  | (-18,0) | (36,1) |  |
|  | (-12,3) | (6,2) | (-12,3) |  |
|  | (3,3) | (15,3) | (6,2) |  |
|  |  | (6,2) | (6,2) | (-30,2) |
|  |  | (-30,2) |  |  |
|  |  | (15,1) | (-30,2) |  |
|  |  | (-18,2) | (15,1) |  |
|  |  | (36,1) | (-18,2) |  |
|  |  | (-18,0) | (36,1) |  |
|  | (6,2) | (-30,2) | (6,2) |  |
|  | (-24,2) | (6,2) | (6,2) | (15,1) |
|  |  | (15,1) | (15,1) |  |
|  | (-42,2) | (-18,2) | (15,1) | (36,1) |
|  |  | (36,1) | (36,1) |  |
|  |  | (-18,0) |  |  |
|  | (15,1) | (36,1) | (15,1) |  |
|  | (51,1) | (15,1) | (15,1) | (-18,0) |
|  |  | (18,0) |  |  |
|  | (18,0) | null |  |  |
| **(6,4; 3,3; -42,2;**  **51,1; -18,0)** |  |  |  |  |

**Limpiar:**

|  |  |  |  |
| --- | --- | --- | --- |
| **cab** | **cab.sgte** | **aux** | **prev** |
| (6,4) | (3,3) | (3,3) | (6,4) |
| (3,3) | (-42,2) | (-42,2) | (3,3) |
| (-42,2) | (51,1) | (51,1) | (-42,2) |
| (51,1) | (-18,0) | (-18,0) | (51,1) |
| (-18,0) |  |  |  |

**Listado polinomio:**

|  |  |  |
| --- | --- | --- |
| **cabm** | **cabm.sgte** | **imprimir** |
|  |  | Polinomio multiplicación |
| (6,4) | (3,3) | **6x^4** |
| (3,3) | (-42,2) | 6x^4 + **3x^3** |
| (-42,2) | (51,1) | 6x^4 + 3x^3 **– 42x^2** + |
| (51,1) | (-18,0) | 6x^4 + 3x^3 – 42x^2 + **51x^1** |
| (-18,0) |  | 6x^4 + 3x^3 – 42x^2 + 51x^1 **- 18x^0** |