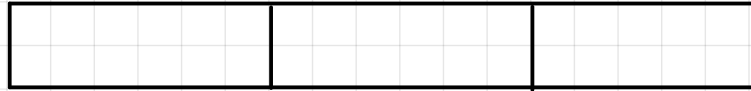int[] a = new int[3]

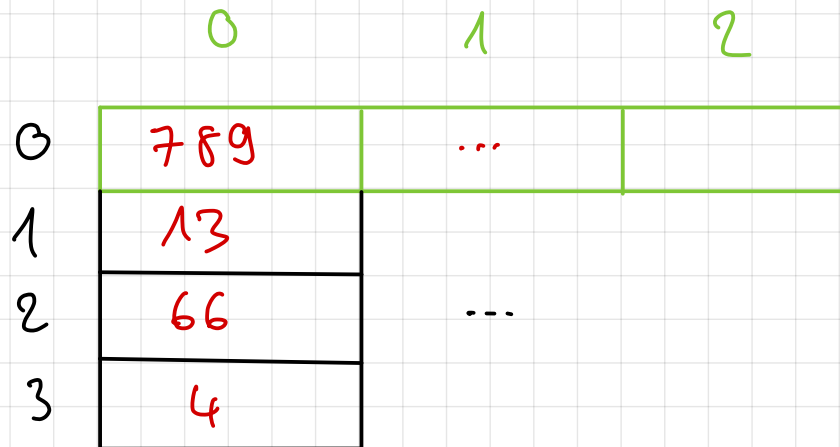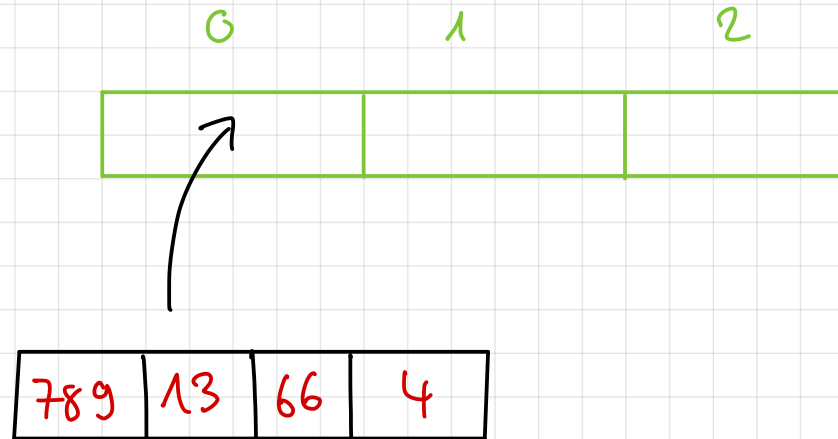|		

0   1   2

230	4347	−197

0   1   2

weil int

int[,] b = new int [3,4]

```
      0  1  2  3
    ┌──┬──┬──┬──┬──┬──┬───┬──┬──┬──┬──┬──┐
    │7 │23│4 │1 │3 │2 │...│  │  │  │  │  │
    └──┴──┴──┴──┴──┴──┴───┴──┴──┴──┴──┴──┘
        0           1            2
```

```
         0            1            2
    ┌────────────┬────────────┬────────────┐
    │            │            │            │
    └────────────┴────────────┴────────────┘
```

```
    ┌─────┬─────┬─────┬─────┐
    │ 789 │ 13  │ 66  │  4  │
    └─────┴─────┴─────┴─────┘
```

```
         0            1            2
    ┌────────────┬────────────┬────────────┐
  0 │    789     │    ...     │            │
    ├────────────┼────────────┴────────────┘
  1 │     13     │
    ├────────────┤    ...
  2 │     66     │
    ├────────────┤
  3 │     4      │
    └────────────┘
```
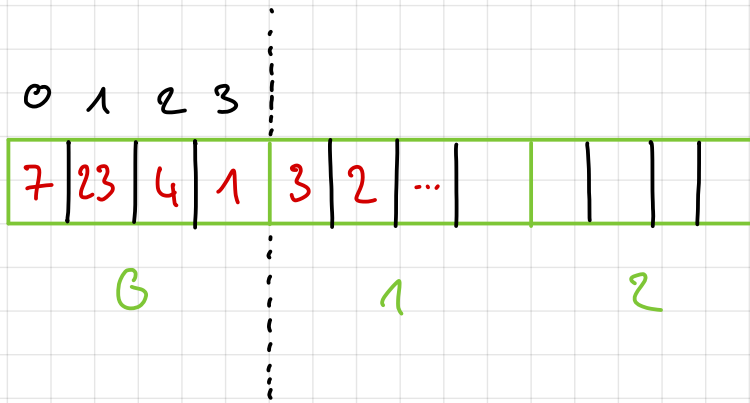
„Tabelle"

	0	1	2	3	4	5	6
0	768	78	...			73	
1	9				✗		
2	...			?		40	
3		83					

```
int[,] c = new int[7,4]
```

c[3,2]
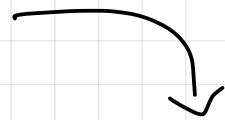
Console.WriteLine (c[3,2])

c[3,2] + c[1,3]

int[][] d = new int[3][]

	0	1	2
0	33	...	
1	79		
2	3		
3	4		
4	...		
5			
6			
7			

0

1

1

2

[1   2   1]

3

[1   3   3   1]

$\vdots$

$$1$$

$$1 \quad 1$$

$$1 \quad 2 \quad 1$$

$$1 \quad 3 \quad 3 \quad 1$$

$$1 \quad 4 \quad 6 \quad 4 \quad 1$$
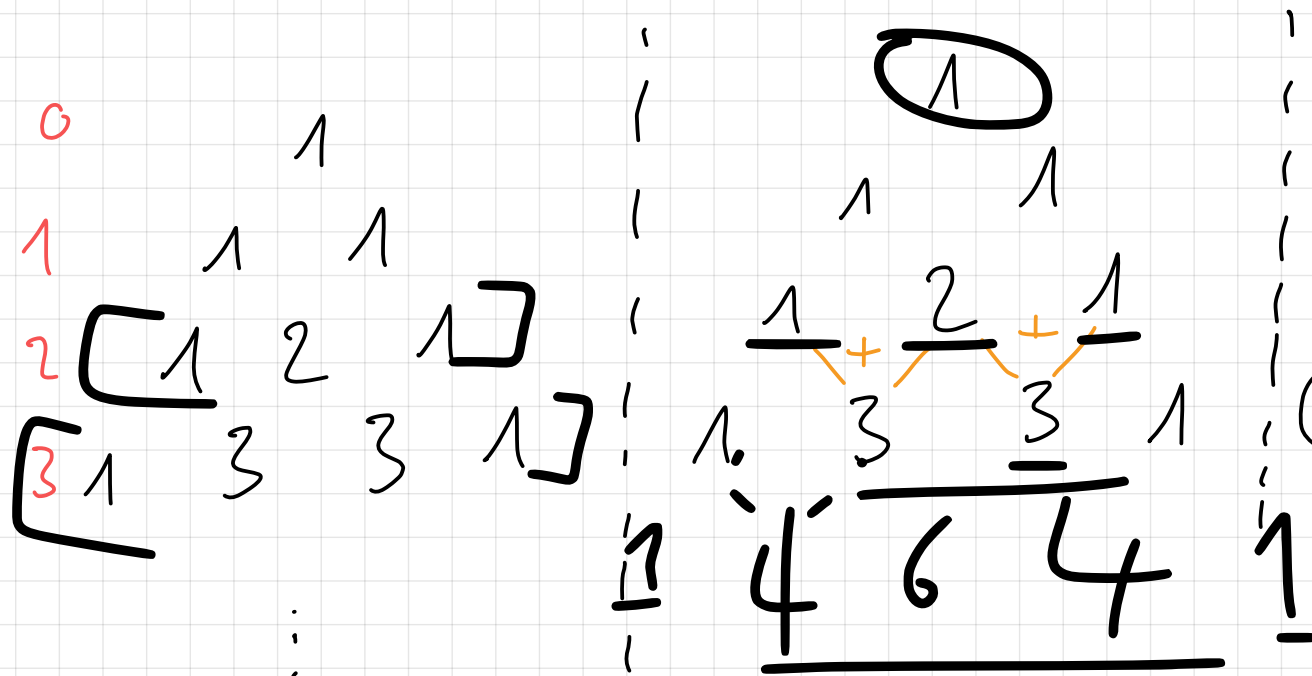
$(a+b)^2 = a^2 + 2ab + b^2$

$(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$

↳   bei   8 Ebenen

int[][] p = neu int[8][]

int[,] L = new int[5,6]

L.GetLength(0) = 5   L.GetLength(1) = 6

1. Dim

L.Length = 30

```
int [][] m = new int[7][]
```

```
m.length = 7
```

```
m[1].length = x
```

```
int [,] n =
{
    { 1 , 2 , 3 },
    { 9 , 10 , 11 },
    { 73 , 0 , -7 }
}
```

```
int[] o = { 1, 2, 3 }
```

```
int [][] q =
{
    new int { 1, 3, 7, 9 },
    new int { 7, 0 },
    new int { -7, 8, -9, 13, 87, 99, 1332, 79 }
}
```