Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```

1 3, 2, -2
2 1, 3, -1
3 2, 3, -1
4 1, 2, -2
5 2, 3, -2
6 1, 0, 0
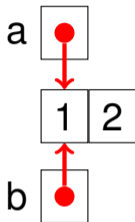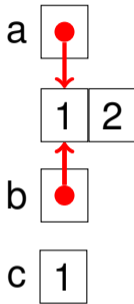7 3, 0, 0

Zeiger ⊘

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```

a `[•]`

`[1 | 2]`

b `[•]`

1	3, 2, -2
2	1, 3, -1
3	2, 3, -1
4	1, 2, -2
5	2, 3, -2
6	1, 0, 0
7	3, 0, 0

Zeiger

!

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
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-- (*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1	3, 2, -2
2	1, 3, -1
3	2, 3, -1
4	1, 2, -2
5	2, 3, -2
6	1, 0, 0
7	3, 0, 0

Zeiger ⊙
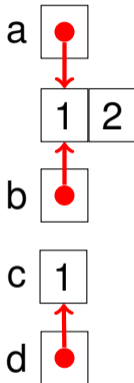
Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1. 3, 2, -2
2. 1, 3, -1
3. 2, 3, -1
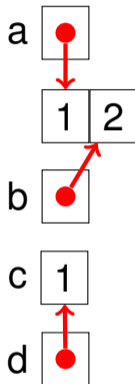4. 1, 2, -2
5. 2, 3, -2
6. 1, 0, 0
7. 3, 0, 0

Zeiger (!)

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1 3, 2, -2
2 1, 3, -1
3 2, 3, -1
4 1, 2, -2
5 2, 3, -2
6 1, 0, 0
7 3, 0, 0

Zeiger ⊘

Was wird ausgegeben?

```
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
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--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1 3, 2, -2
2 1, 3, -1
3 2, 3, -1
4 1, 2, -2
5 2, 3, -2
6 1, 0, 0
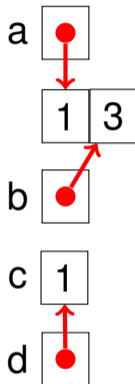7 3, 0, 0

Zeiger ⚠

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
-- (*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1.   3, 2, -2
2.   1, 3, -1
3.   2, 3, -1
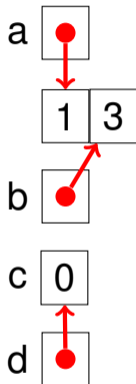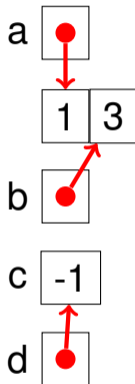4.   1, 2, -2
5.   2, 3, -2
6.   1, 0, 0
7.   3, 0, 0

Zeiger ⚠

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
int c  = *b;
int* d  = &c;

++b;
++(*b);
--c;
-- (*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```

a, b, c, d pointer diagram with values [1 | 3], c = -1

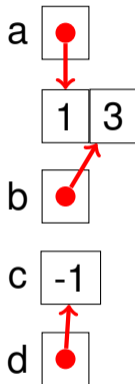|	
1	3, 2, -2
2	1, 3, -1
3	2, 3, -1
4	1, 2, -2
5	2, 3, -2
6	1, 0, 0
7	3, 0, 0

Zeiger ⚠

Was wird ausgegeben?

```cpp
int* a = new int[2]{1,2};
int* b = a;
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int* d  = &c;

++b;
++(*b);
--c;
--(*d);

std::cout << a[0] << ", "
          << a[1] << ", "
          << c << "\n";
```


1	3, 2, -2	
2	1, 3, -1	●
3	2, 3, -1	
4	1, 2, -2	
5	2, 3, -2	
6	1, 0, 0	
7	3, 0, 0	