

64-bit Address

64
68
72
76
80
⋮

Main memory

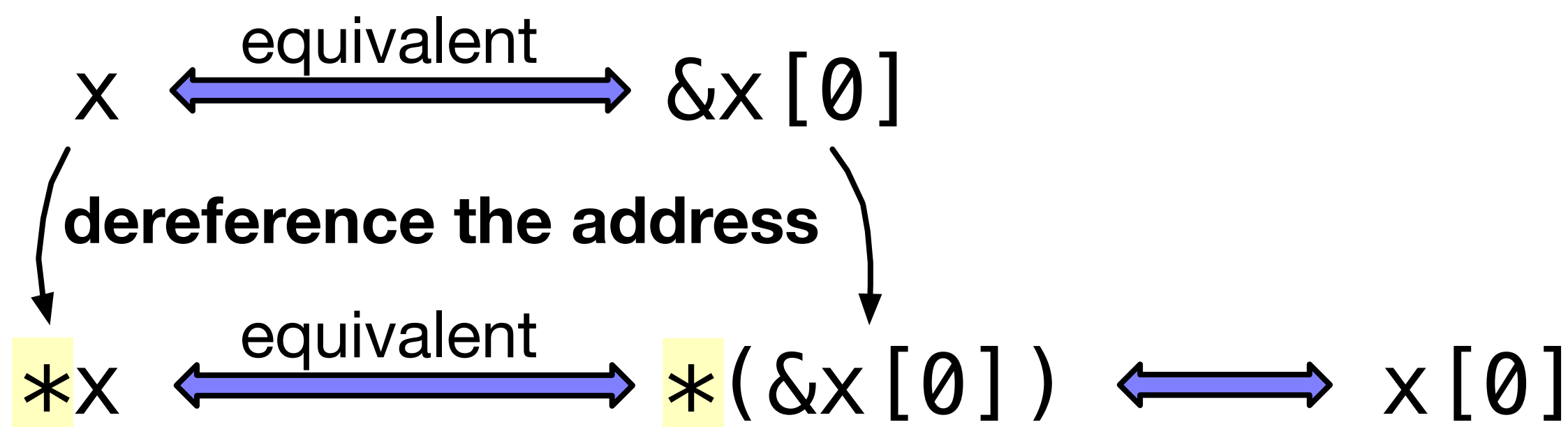
1
7
3
⋮

```
int x[3] = {1, 7, 3};
```

x is the array **identifier**, and is also a **pointer** to the **first** element in the array

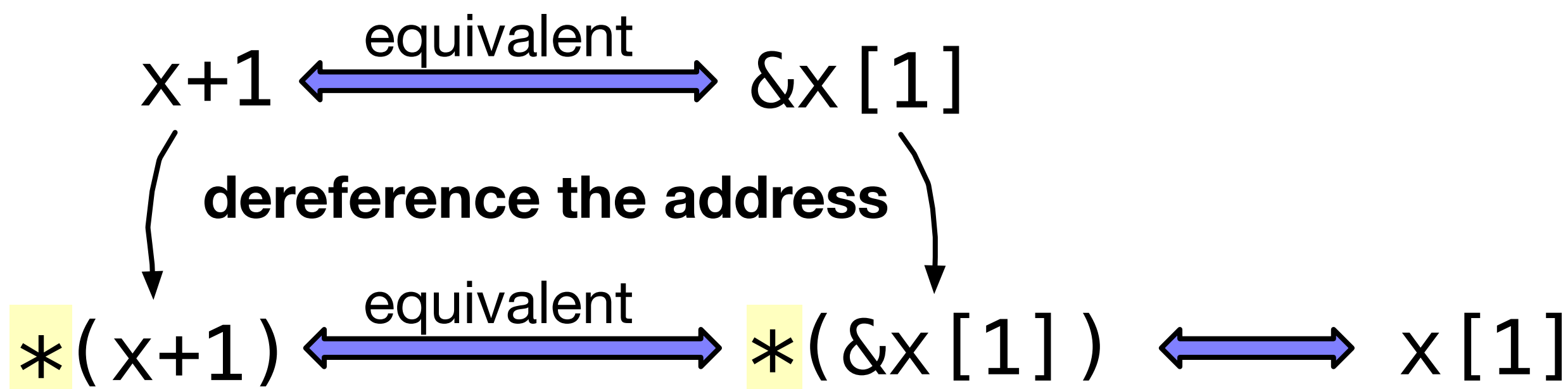
Address of 1st element

1st element



Address of 2nd element

2nd element



Address of ith element

ith element

