Code

```c
#include <stdint.h>
#define u8 uint8_t

int main() {
  u8 a[8] = {6, 5, 3, 7, 0, 1, 4, 2};
  u8 *p = &a[0];
  u8 *q = &a[2];
  u8 *r = &a[3];
  // <<< Evaluate values at here!
}
```
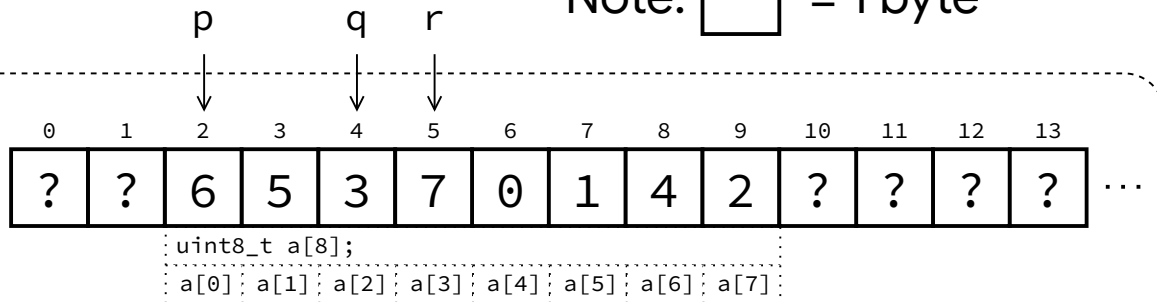
Memory

Pointers   p   q   r

Note: ☐ = 1 byte

Address	0	1	2	3	4	5	6	7	8	9	10	11	12	13	
Value	?	?	6	5	3	7	0	1	4	2	?	?	?	?	…
Name			a[0]	a[1]	a[2]	a[3]	a[4]	a[5]	a[6]	a[7]					

uint8_t a[8];

Q. Fill answers in digits (or ? for undefined behavior)

Note: _ is a place holder
So the cell on row "a[_]" and col "0" should be filled with the value of "a[0]"

	0	1	a[0]	a[1]	p	q	r	*p	*q	*r
_	0	1	6	5	2	4	5	6	3	7
1+_	1	2	7	6	3	5	6	7	4	8
(u8*)_	0x0 0	0x1 1	0x6 6	0x5 5	0x2 2	0x4 4	0x5 5	0x6 6	0x3 3	0x7 7
((u8)_)	?	?	0	7	6	3	7	0	5	1
a[_]	6	5	4	1	3	0	1	4	7	2
a[1+_]	5	3	2	4	7	1	4	2	0	?
r[_]	a[3] 7	a[4] 0	?	?	1	2	?	?	4	?
r[3+_]	a[6] 4	a[7] 2	?	?	?	?	?	?	?	?
((u8*)_)[0]	?	?	0	7	6	3	7	0	5	1
((u8*)_)[2]	*0x2 6	5	4	1	3	0	1	4	7	2

uint8 + 8*(-9型)= 末末+

((u8)_ +2)