

QUIZ!

Use a full sheet of 8½x11" paper. (Half sheet? Half credit!)

Put only your last name in the far upper left hand corner of the sheet, where a staple would hit it. It's OK to write **BIG**, just start in the corner!

*Mitchell*

**AVOID A ½-POINT DEDUCTION!**

Keep answers short! Avoid full sentences. Feel free to abbreviate.

6 questions; 3 minutes; 3 points.

Numbering responses may help you avoid overlooking a question. You may go ahead and number your paper.

## Quiz 8, October 26, 2015

Time: 3:00; ½ point each

1. Give a definition for the the term "L-value".
2. Add parentheses to **\*p++** to show the order of operations.
3. If **p** is **100**, describe a situation where **p + 1** would be **104**.
4. Given **double \*vp = 0.0**, what is the type of **\*vp**?
5. Given **char \*p = "abc"**, what is the value of **\*p++**?
6. Given **int a[] = {10, 20, 30}**, what is the value of **&a[2] - a**?

## Solutions

1. Give a definition for the the term "L-value".

An expression that specifies an object in memory.

2. Add parentheses to `*p++` to show the order of operations.

`*(p++)`

3. If `p` is `100`, describe a situation where `p + 1` would be `104`.

If `p` is `int *p`. (Assuming `sizeof(int)` is `4`.)

4. Given `double *vp = 0.0`, what is the type of `*vp`?

`double`

5. Given `char *p = "abc"`, what is the value of `*p++`?

`'a'`

6. Given `int a[] = {10, 20, 30}`, what is the value of `&a[2] - a`?

`2`