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CSCI111, Fall 2021 - Quiz 3 (Print legibly - do NOT write!)

Use the back page if you need more space for writing.

- 20/20 ✓ 1. What's pointer – in technical terms? briefly.

Pointer is basically referencing a certain variable to a specific chunk of memory. Good

- ✓ 2. Why should we use pointers in a place that we could use named variables? briefly.

If you're limited on memory, you could assign a pointer to that chunk and whenever you want to access it, you can do so without taking up more memory.

- ✓ 3. Assigning an address of variable name to a pointer is called referencing the variable. OK

- ✓ 4. Retrieving the content of a variable using a pointer is called dereferencing

- ✓ 5. Write the output of the code below or correct it:

```
#include <iostream>
using namespace std;
int main()
{
    int i = 10;
    int* int_p = i*
    cout<<&i<<endl;
    return 0;
}
```

Syntax Error

OK

Output:

10.