

Ch_3a_Lab - Math expressions

Write in the answers to the following questions.

Then run the program to see if your answers are correct.

Turn in this sheet at the beginning of lecture to Dennis.

```
int num1 = 3;
```

```
int num2 = 2;
```

```
int num3 = 0;
```

```
num2 = num1++;
```

```
num3 = --num1;
```

```
num1 = num2++;
```

```
cout << num1 << endl; 3
```

```
<< num2 << endl; 4
```

```
<< num3 << endl; 3
```

```
int num1 = 0;
```

```
int num2 = 3;
```

```
int num3 = 1;
```

```
num2 = --num1;
```

```
num3 = --num1;
```

```
num1 = num2++;
```

```
cout << num1 << endl; -1
```

```
<< num2 << endl; 0
```

```
<< num3 << endl; -2
```

```
int num1 = 2;
```

```
int num2 = 2;
```

```
int num3 = 2;
```

```
num2 = num1++;
```

```
num3 = --num1;
```

```
num1 = num2++;
```

```
cout << num1 << endl; 2
```

```
<< num2 << endl; 3
```

```
<< num3 << endl; 2
```

int num4 = (2 + 1 / (2 + 2 / 3)); **2**

int num5 = 4 * 2 % 2 + 2 / 3 + 1; **1**

float num6 = 4.0 + 3 % 4 + 4 / 3 - 2; **6.0**

float num7 = 3.0 + 3.0 % 4 + 4 / 3; **7.0**

float num8 = 2.0 * 3 % (4 % 3) + 2 / 3; **0.0**

float num9 = 4 * 2 % 2 + 5.0 / 2 + 1; **3.5**

float num10 = 2 - 5 % 2 + 5.0 / 2 + 1; **4.5**