Name:

Variables – Integer & Float: Quiz 2

1) Suppose you write the following program and run it. Then you enter 123 from the keyboard. At the end, what will be written to the screen?

```
#include <iostream>
using namespace std;

int main()
{
  int box1;
  box1 = 3;
  int box2;
  cin >> box2;
  int lastbox;
  lastbox = box1 * box1 + box2 / 3;
  cout << lastbox << endl;
}
```

Answer:

2) Suppose you write the following program and run it. Then you enter 41 from the keyboard. What will the following program write to the screen?

```
#include <iostream>
using namespace std;

int main()
{
  int box1;
  int box2;
  cin >> box1;
  box2 = 32;
  box1 = box2 + box2 – 3;
  int yourbox;
  yourbox = box1 – box2;
  cout << yourbox << endl;
}
```

Answer: