

Quiz 6

12 November 2012

You have up to 25 minutes. You may use a calculator if necessary, but not computer, book, or notes.

1. What is the output of the following program?

```
void quirt();
void blirp();

int main() {
    quirt();
    blirp();
    cout << "\n";
    return 0;
}

void blirp()
{
    cout << "X";
    quirt();
    quirt();
    cout << "Y";
    quirt();
}

void quirt()
{
    cout << "B";
}
```

2. What is the output of the following program?

```
void blerk(int a)
{
    cout << a << ", ";
}

void torp(int b)
{
    int a = b + 1;
    blerk(b);
    blerk(a);
}

int main() {
    torp(3);
    torp(7);
    cout << "\n";
    return 0;
}
```

3. What is the output of the following program?

```
int trak(int x, int y)
{
    return x*x*y;
}

int stap(int z)
{
    return trak(z, trak(z+1, z));
}

int main() {
    cout << stap(2) << "\n";
    cout << stap(4) << "\n";
    return 0;
}
```