Question 1:

A: Path: _____

Flow: _____

C: Path 1: _____

Flow 1: _____

Path 2: _____

Flow 2: _____

D: Max flow of original DAG: _____

E: Minimum cut of original DAG: _____

Draw the graph for B here:

Question 2:

A: Q: _____

Nincident: _____

Sh_Path_Length: _____

B: Q: _____

Sh_Path_Length: _____

C: Q: _____

Sh_Path_Length: _____

Question 3:

A: _____

B: _____

C: _____

D: _____

E: _____

F: _____

G: _____

H: _____

I: _____

AJ: _____

This is scratch space.
I will ignore anything here.

Questions 4 & 5A: Answer here. There is a second page for Questions 4 and 5A if you need it.

Name: _____

Email: _____ @ vols.utk.edu

Questions 4 & 5A: Use this page if you need to. Leave it blank if you don't.

Name: _____

Email: _____ @ vols.utk.edu

Question 5:   Don't bother with include/using statements.

```
class Conversion {
  public:
    string Y;
    int Reachable(string X);



};


int Conversion::Reachable(string X)
{
```

You may add to the class here.

```
}
```