A+ Computer Science - Interfaces Worksheet 1

Part 1 Directions :: Fill in each blank below with the correct answer.

1.   All methods in an interface must be _____ _____.

2.   All variables in an interface must be _____ _____ _____.

3.   Interfaces cannot be _____ .

4.   Interfaces cannot contain _____ methods.

5.   Interfaces are considered to be _____ _____ classes.

Part 2 Directions :: Look at the interfaces shown below and determine if there are any errors. If an interface has problems, state what those problems are. If the interface is okay, just write okay.

1. Is A okay?

```
public interface A
{
    public int doIt();
    public boolean canDoIt();
}
```

2. Is B okay?

```
public interface B
{
    public int howMany();
    private int x;
}
```

3. Is C okay?

```
public interface C
{
    public C(){ };
    public boolean isGood();
}
```

4. Is D okay?

```
public interface D
{
    public int getWidth();
    int x = 345;
}
```