1. (2 pts) The combination of the name of a method and its parameter list is called the 
____________________________ of the method, and the parameters listed in the method declaration are called 
____________________________.

2. (2 pts) Will there be a syntax error when the following is compiled? If so, what is the error and why does it happen?

```java
public static int modulus(int number) {
    if (number % 2 == 0)
        return 0;
}
```

3. (2 pts) Consider the following method declarations. Is there a compile-time error in either of them? Explain what errors occur if there are errors.

```java
public static int remainder(int b,int a) {
    return 0;
}
public static void modulus(int b,int a) {
    int b = 3;
}
```

4. (2 pts) The parameters listed in the call to a method are called ____________________ parameters, and ____________________ occurs when we have more than one method in the same class definition with the same name and different parameter lists.

5. (2 pts) What is wrong with the following method declaration?

```java
public static int multiply(int b,int a) {
    return (b == a);
}
```