

9.5.5 What is wrong with each of the following programs?

```
1 public class ShowErrors {
2     public static void main(String[] args) {
3         ShowErrors t = new ShowErrors(5);
4     }
5 }
```

(a)

```
1 public class ShowErrors {
2     public static void main(String[] args) {
3         ShowErrors t = new ShowErrors();
4         t.x();
5     }
6 }
```

(b)

```
1 public class ShowErrors {
2     public void method1() {
3         Circle c;
4         System.out.println("What is radius "
5             + c.getRadius());
6         c = new Circle();
7     }
8 }
```

(c)

```
1 public class ShowErrors {
2     public static void main(String[] args) {
3         C c = new C(5.0);
4         System.out.println(c.value);
5     }
6 }
7
8 class C {
9     int value = 2;
10 }
```

(d)