# CMPT 212 (2008-1) Assignment 2 — Evaluation

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## 1 Test files

Here are the 8 test files including the point distributions. Each line containing points in the parenthesis was checked for correctness.

### 1.1 Test 1 (basic public test) 10 points

```
A: {} (0.5 point(s))
A: {-199,20,37,305,10345} (1 point(s))
305 is a member of A: true (0.5 point(s))
A: {-199,20,37,10345} (1 point(s))
305 is a member of A: false (0.5 point(s))
Number of elements of B: 100 (0.5 point(s))
C: {-199,20,37,10345} (1 point(s))
C: {20,37} (1 point(s))
A: {-199,20,37,10345} (1 point(s))
C = A: false (0.5 point(s))
C subset of A: true (0.5 point(s))
C U Set10,32,7: {10,17,20,24,31,37} (1 point(s))
A: {-199,10345} (1 point(s))
```

### 1.2 Test 2 (constructors) 10 points

```
--> pass (2 point(s))
--> pass (2 point(s))
--> pass (2 point(s))
--> pass (2 point(s))
--> pass (2 point(s))
```

### 1.3 Test 3 (comparisons) 10 points

```
--> pass (2 point(s))
--> pass (1.5 point(s))
--> pass (2 point(s))
--> pass (1.5 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
```

### 1.4 Test 4 (insert and delete operators) 10 points

```
--> pass (3 point(s))
--> pass (3 point(s))
--> pass (4 point(s))
```

### 1.5 Test 5 (set union) 10 points

```
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
```

### 1.6 Test 6 (set intersection) 10 points

```
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
```

### 1.7 Test 7 (set difference) 10 points

```
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
--> pass (2 point(s))
--> pass (1 point(s))
```

### 1.8 Test 8 (combined set operations) 10 points

```
--> pass (3 point(s))
--> pass (2 point(s))
--> pass (3 point(s))
--> pass (2 point(s))
```