

Name: *Katie Stevens*

Assignment: 10

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Format and Comments:	.....	5 / 5
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**Comments:**

1. (-2) subset and union tests

**Unit test output:**

```
[PASS] member 'a' s1
[PASS] member 'd' s1
[PASS] member 'e' s1
[PASS] member 'f' s1
[PASS] add 'f' s1
[PASS] add 'a' s1
[PASS] add 'e' s1
[PASS] add 'a' EmptySet
[PASS] remove 'f' s1
[PASS] remove 'a' s1
[PASS] remove 'd' s1
[PASS] remove 'e' s1
[PASS] size EmptySet
[PASS] size (Elem 1 EmptySt)
[PASS] size (Elem 1 (Elem 2 EmptySet))
[PASS] size s1
[PASS] subset EmptySet EmptySet
[PASS] subset EmptySet s1
[FAIL] subset (Elem 'b' (Elem 'c' EmptySet)) s1 ... expecting True found False
[PASS] subset s1 (Elem 'a' EmptySet)
[PASS] union EmptySet EmptySet
[PASS] union EmptySet s1
[FAIL] union (Elem 'a' EmptySet) (Elem 'a' EmptySet) ... expecting Elem 'a' EmptySet found Elem 'a' (Elem 'a' EmptySet)
[PASS] union (Elem 'a' EmptySet) (Elem 'b' EmptySet)
[PASS] intersect EmptySet EmptySet
[PASS] intersect EmptySet s1
[PASS] intersect (Elem 'a' EmptySet) (Elem 'a' EmptySet)
[PASS] intersect (Elem 'a' EmptySet) (Elem 'b' (Elem 'a' EmptySet))
[PASS] intersect EmptySet s1
[PASS] intersect s1 EmptySet
[PASS] intersect s1 s1
[PASS] intersect s1 (Elem 'b' (Elem 'c' (Elem 'e' EmptySet)))
[PASS] filterSet even EmptySet
[PASS] filterSet even (Elem 1 EmptySet)
[PASS] filterSet even (Elem 2 EmptySet)
[PASS] filterSet (\x -> x < 'z') s1
[PASS] toList EmptySet
[PASS] toList (Elem 1 EmptySet)
[PASS] toList (Elem 1 (Elem 2 EmptySet))
[PASS] toList s1
```