

```

15     public boolean policy() {
16         return setSize.get() / table.length > 4;
17     }
18     public void resize() {
19         lock.lock();
20         try {
21             if (!policy()) {
22                 return; // someone beat us to it
23             }
24             int newCapacity = 2 * table.length;
25             List<T>[] oldTable = table;
26             table = (List<T>[]) new List[newCapacity];
27             for (int i = 0; i < newCapacity; i++)
28                 table[i] = new ArrayList<T>();
29             for (List<T> bucket : oldTable) {
30                 for (T x : bucket) {
31                     table[x.hashCode() % table.length].add(x);
32                 }
33             }
34         } finally {
35             lock.unlock();
36         }
37     }

```

**FIGURE 13.4** CoarseHashSet<T> class: the policy() and resize() methods.