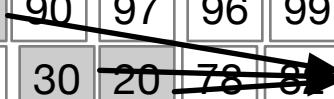


10	90	97	96	82	99
80	30	20	78	99	E

1. GC N: End of Sweep phase
Each region annotated with occupation percentage

10	90	97	96	99	99
80	30	20	78	99	E



The diagram illustrates the compaction phase where objects are forwarded. Arrows point from the first row to the last row: from 10 to 80, from 90 to 30, from 97 to 20, from 96 to 78, and from 99 to 99. The last cell 'E' in the second row is the destination for all these forwarded objects.

2. GC N: Compaction phase
Compact & replace by forwarding objects, maintain invariants

U					
	U	U			

3. Mutator running
Compacted regions unused aside from forwarding objects

E					
	E	E			

4. GC N+1: End of Mark phase
Forwarding objects removed,
Compacted regions freed,
1 region reserved for compaction