

| | Hash Table | Resizable Array | Balanced Tree | Linked List | Hash Table + Linked List |
|--------------|------------|-----------------|---------------|-------------|--------------------------|
| Set | HashSet | | TreeSet | | LinkedHashSet |
| List | | ArrayList | | LinkedList | |
| Deque | | ArrayDeque | | LinkedList | |
| Map | HashMap | | TreeMap | | LinkedHashMap |

| | get | add | contains | next | remove(0) | iterator.remove |
|-------------------|------|------|----------|------|-----------|-----------------|
| ArrayList | O(1) | O(1) | O(n) | O(1) | O(n) | O(n) |
| LinkedList | O(n) | O(1) | O(n) | O(1) | O(1) | O(1) |

| | add | contains | next |
|----------------------|----------|----------|----------|
| HashSet | O(1) | O(1) | O(h/n) |
| TreeSet | O(log n) | O(log n) | O(log n) |
| LinkedHashSet | O(1) | O(1) | O(1) |

| | get | containsKey | next |
|----------------------|----------|-------------|----------|
| HashMap | O(1) | O(1) | O(h/n) |
| LinkedHashMap | O(1) | O(1) | O(1) |
| TreeMap | O(log n) | O(log n) | O(log n) |

| | peek | offer | poll | size |
|----------------------|------|----------|----------|------|
| LinkedList | O(1) | O(log n) | O(log n) | O(1) |
| ArrayDeque | O(1) | O(1) | O(1) | O(1) |
| PriorityQueue | O(1) | O(log n) | O(log n) | O(1) |

Source: <https://docs.oracle.com/javase/8/docs/technotes/guides/collections/overview.html>

Source: Java Generics and Collections (pages: 188, 211, 222, 240)