

Algorithms → Search algorithms → [Binary search](#)

# Binary search → Statements

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## Statements # Comprehension

Select all correct statements about binary search.

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- ☒ When the algorithm starts searching in a new subarray, it calculates a new middle element.
- ☐ If an input array doesn't contain the specified element, the algorithm performs only a single comparison.
- ☐ It has the time complexity  $O(\sqrt{n})$  where  $n$  is the size of an input array for searching.
- ☒ It can search elements in descending sorted arrays.

✓ Correct.

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