Algorithms → Search algorithms → Binary search

Binary search → **Statements**

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Select one correct statement about binary search.

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○ It has the time complexity **O(n)** where **n** is the size of an input array for searching.

○ It can search elements in sorted and unsorted arrays.

○ In some cases when an array contains a billion elements the algorithm can find a specified element using a single comparison.

○ It divides the array into two subarrays at each step and then searches in both of them.

✓ Correct.

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