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# Linear search → Statements

Easy 1 minute

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Select all correct statements about the linear search algorithm.

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- ☒ It has the time complexity  $O(n)$
- ☒ If the algorithm searches the first occurrence of the value, it can stop immediately after it has found a suitable value
- ☐ If the input array does not contain the required element, it can perform only  $n/2$  comparisons where  $n$  is the size of the array
- ☐ It never checks each element of the input array

Correct.

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