Algorithm	Time Complexity	Space Complexity	Complete?	Optimal?
BFS	$O(|V| + |E|)$	$O(|V|)$	Yes	Yes
UCS	$O(|V| + |E|)$	$O(|V|)$	Yes	No
DFS	$O(|V| + |E|)$	$O(|V|)$	No	No
DLS	$O(|V| + |E|)$	$O(|V|)$	No	No
IDS	$O(|V| + |E|)$	$O(|V|)$	Yes	Yes
A*	$O((|V| + |E|) \cdot \log|V|)$	$O(|V|)$	Yes	Yes