Criterion	Breadth- First	Uniform- Cost	Depth- First	Depth- Limited	Iterative Deepening	Bidirectional (if applicable)
Complete? Time Space Optimal?	$egin{aligned} \operatorname{Yes}^a \ O(b^d) \ O(b^d) \ \operatorname{Yes}^c \end{aligned}$	$\operatorname{Yes}^{a,b} O(b^{1+\lfloor C^*/\epsilon floor}) O(b^{1+\lfloor C^*/\epsilon floor}) ext{Yes}$	$egin{aligned} &\operatorname{No}\ O(b^m)\ O(bm)\ &\operatorname{No} \end{aligned}$	$egin{aligned} No \ O(b^\ell) \ O(b\ell) \ No \end{aligned}$	$egin{aligned} \operatorname{Yes}^a \ O(b^d) \ O(bd) \ \operatorname{Yes}^c \end{aligned}$	$egin{array}{l} \operatorname{Yes}^{a,d} & O(b^{d/2}) & O(b^{d/2}) & \operatorname{Yes}^{c,d} & & \end{array}$