1. Search

$\overline{(2)}$		
5/3	n	h(n)
65 · 65		5
<del>\( \)</del>	ă	4
2 6/ \ 3	<u> </u>	3
C 2 (+ 5 A)	C	1
<u> </u>	d	4
	ŧ	6

Breadth-First Search

			Oveve:
node	came from	risited	
5	~'	/ 1	8
ă	5	<b>√</b> 2	<u>c</u>
b	S	√ 3	7
Č	a	J 4	E
d	l b	y 5	A
ť	ĥ	/ 6	W Commonweal of the common of
-			

Order: S, A, B, C, O, T

S - visited, enqueue

a & b risited, dequeve s
make "a' working node, "b" already risited, "c" is now risited; enqueve
make "b" working node, d & t risited, enqueve them

make "c" working node, its relations have alre

working node, its relations have already been visited dequeoe working node, it's relations have been visited, dequeve working node, its the larget, dequeve. Empty.

make "t"

Depth - First Search

	1	ı	$\sim$	Stack:	
node	came from	visited	(5)	(	
- 5		1	5 3	Ě	
Ğ	S	✓ 2	(a) <u>'</u> (b)	d	
b	a	✓ 3	$\int_{2}$ 6/ $\int_{3}$	ĥ	
Č	t			å	
ď	h	✓ 4	$(c)^{2}(t)^{-5}(d)$	S	
ť	Ĭ	/ 5			

Order: S, A, B, D, (T)

- visit s, push
- visit a , push
- risit b, push
- visit d, push
- visit t, target! push.
- 6. visit c, push 7. pop c, t, d,b, a, s, empty stack.

Unifo	rm - Cost Sec	irch			
node	came from	g(n)	visited?	<b>S</b>	•
<u> </u>	8 b	84	7	(a) 1 (b)	
b 	S	3 6	ý	2 6/3	V-> kurget
d t	<i>b c</i>	16 19 60		(c) 2 (t) 5 (d)	•

Order: s, b, a, c, t

Creedy	, Best First	Searce	<u> </u>			
nøde	came from	1	visited?	<u> </u>	<u>n</u>	h(n)
	S	1 3	/	6	a b	4
C d		1		(c) $(t)$ $(d)$	ć d	4
t	b	0			C	U

Order: S, b, t - target!

f)*							5 (3	3	•
				<b>^ / /</b>			(a) <u>'</u>		—7 °
node	came from	g(n)	hlnl	f(n)	visited	1	$\frac{1}{2}$	\(\sigma\)	goal
<u> </u>		* o	5	0+5:5	<b>V</b>	•	(C) 2 (t)	1-3 (d)	
b	S	3	3	3+3=6	<b>/</b>	2	n	h(n)	
Pa	Ь	3+1	4	414 = 8	<b>✓</b>	3		5	
	b	3+3	1	6+9= 10			a	4	
/ <del>-(</del>	Ŋ	3-6	0	9+0 = 9		_	b	3	
/ c	a	3+1+2	ţ	6+1=7	<b>/</b>	9 , ,	.a. C	1	
O E	ر	3+1+2+2	. 0	6+0 = 8	/	5+4,4	ل ""	4	
							t	Б	

Urder: s, b, a, c, E goal!