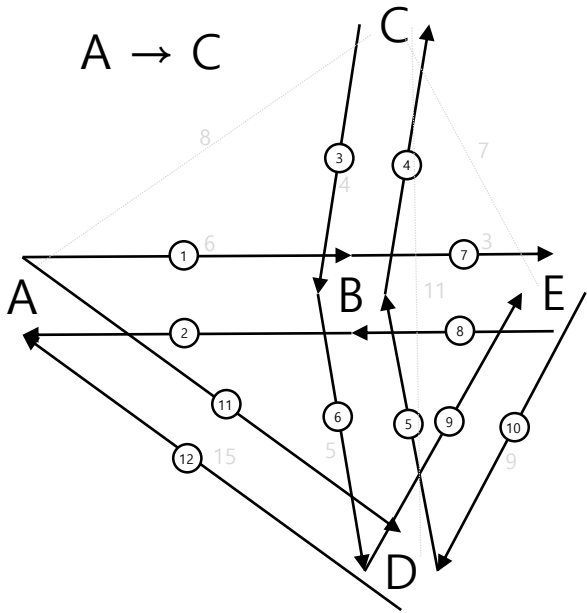


(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

A → C



(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

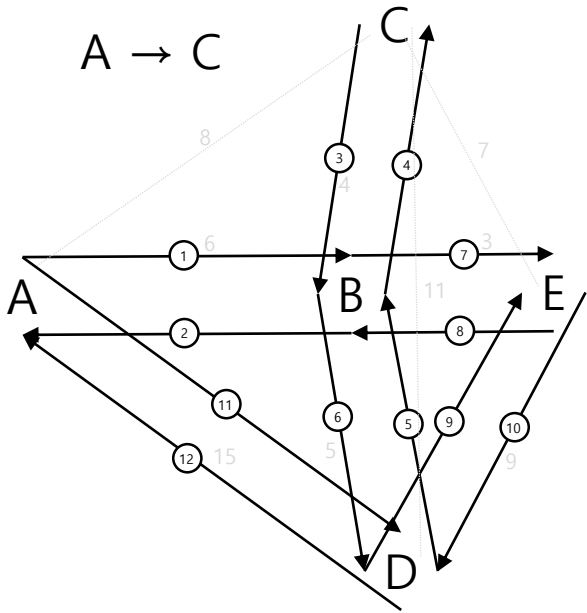
Open Set =

ID (N/SL/EL)	A/-/1	A/-/11
Target	B	D
F Score	10	26
G Score	6	15
H Score	4	11
Parent (SL/N/EL)	-/-	-/-

Close Set =

ID (N/SL/EL)	-/-
Target	A
F Score	8
G Score	0
H Score	8
Parent (SL/N/EL)	-

G Score = Target 까지 도달하는데 소요되는 총 비용  
H Score = Target에서 목적지까지 도달하는데 예상 비용  
F Score = G Score + H Score



(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

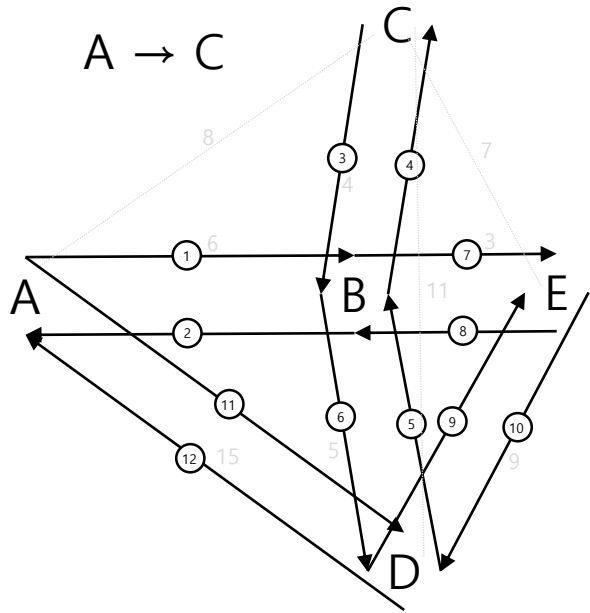
Open Set =

ID (N/SL/EL)	A/-/11	B/1/2	B/1/6	B/1/7
Target	D	A	D	E
F Score	26	20	22	16
G Score	15	12	11	9
H Score	11	8	11	7
Parent (SL/N/EL)	-/-/-	A/-/1	A/-/1	A/-/1

(가장 작은 F Score를 선택)

Close Set =

ID (N/SL/EL)	-/-/-	A/-/1
Target	A	B
F Score	8	10
G Score	0	6
H Score	8	4
Parent (SL/N/EL)	-	-/-/-



(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

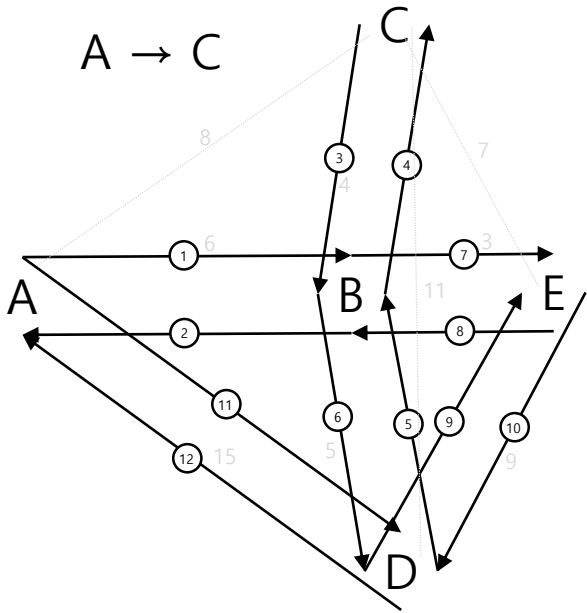
Open Set =

ID (N/SL/EL)	A/-/11	B/1/2	B/1/6
Target	D	A	D
F Score	26	20	22
G Score	15	12	11
H Score	11	8	11
Parent (SL/N/EL)	-/-/-	A/-/1	A/-/1

E/7/8	E/7/10
B	D
16	29
12	18
4	11
B/1/7	B/1/7

Close Set =

ID (N/SL/EL)	-/-/-	A/-/1	B/1/7
Target	A	B	E
F Score	8	10	16
G Score	0	6	9
H Score	8	4	7
Parent (SL/N/EL)	-	-/-/-	A/-/1



Open Set =

ID (N/SL/EL)	A/-/11	B/1/2	B/1/6
Target	D	A	D
F Score	26	20	22
G Score	15	12	11
H Score	11	8	11
Parent (SL/N/EL)	-/-/-	A/-/1	A/-/1

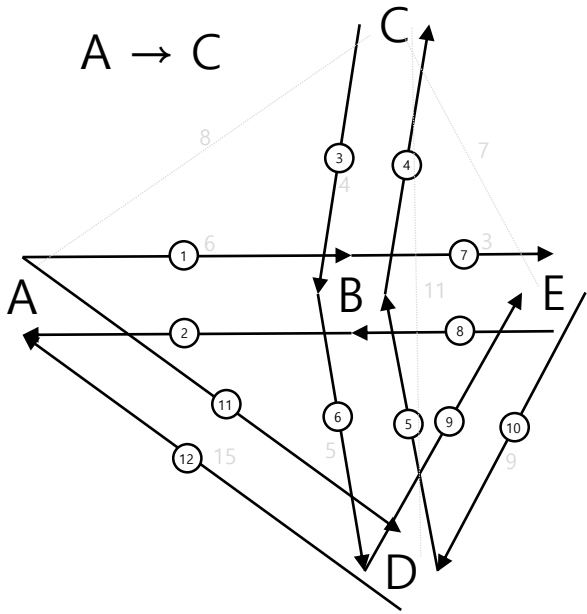
E/7/10	▽ B/8/2	▽ B/8/6	▽ B/8/7
D	A	D	E
29	26	28	22
18	18	17	15
11	8	11	7
B/1/7	E/7/8	E/7/8	E/7/8

Close Set =

ID (N/SL/EL)	-/-/-	A/-/1	B/1/7	E/7/8
Target	A	B	E	B
F Score	8	10	16	16
G Score	0	6	9	12
H Score	8	4	7	4
Parent (SL/N/EL)	-	-/-/-	A/-/1	B/1/7

(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4



(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

Open Set =

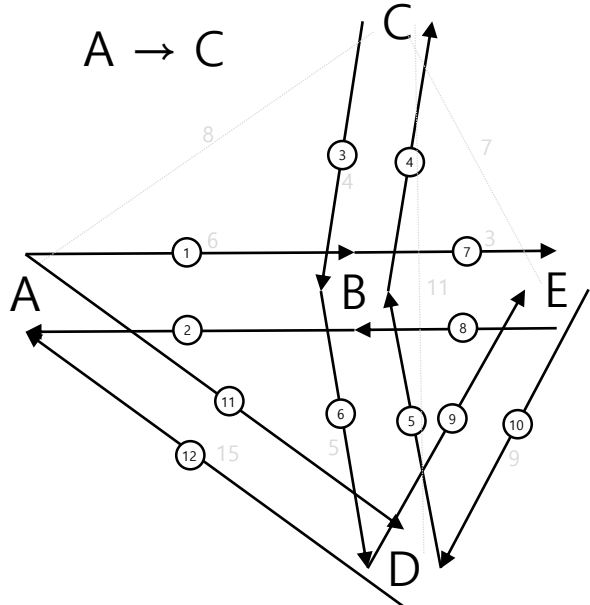
ID (N/SL/EL)	A/-/11
Target	D
F Score	26
G Score	15
H Score	11
Parent (SL/N/EL)	-/-/-

B/1/6	E/7/10	B/8/2	B/8/6	B/8/7	▽ A/2/1	▽ A/2/11
D	D	A	D	E	B	D
22	29	26	28	22	22	38
11	18	18	17	15	18	27
11	11	8	11	7	4	11
A/-/1	B/1/7	E/7/8	E/7/8	E/7/8	B/1/2	B/1/2

Close Set =

ID (N/SL/EL)	-/-/-	A/-/1	B/1/7	E/7/8	▽ B/1/2
Target	A	B	E	B	A
F Score	8	10	16	16	20
G Score	0	6	9	12	12
H Score	8	4	7	4	8
Parent (SL/N/EL)	-	-/-/-	A/-/1	B/1/7	A/-/1

(동일 ID가 중복될 경우 G Score가 작은 것만을 남김)



(회전 제한)

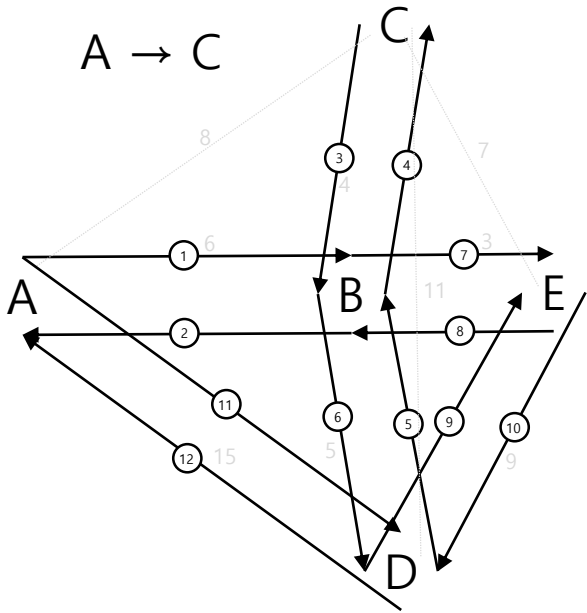
노드	시작 링크	종료 링크
B	1	4
B	8	4

Open Set =

ID (N/SL/EL)	A/-/11	B/1/6	B/1/6	E/7/10	B/8/2	B/8/6	B/8/7	A/2/11	B/1/7
Target	D	D	D	D	A	D	E	D	E
F Score	26	22	34	29	26	28	22	38	28
G Score	15	11	23	18	18	17	15	27	21
H Score	11	11	11	11	8	11	7	11	7
Parent (SL/N/EL)	-/-	A/-/1	A/2/1	B/1/7	E/7/8	E/7/8	E/7/8	B/1/2	A/2/1

Close Set =

ID (N/SL/EL)	-/-	A/-/1	B/1/7	E/7/8	B/1/2	A/2/1
Target	A	B	E	B	A	B
F Score	8	10	16	16	20	22
G Score	0	6	9	12	12	18
H Score	8	4	7	4	8	4
Parent (SL/N/EL)	-	-/-	A/-/1	B/1/7	A/-/1	B/1/2



(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

Open Set =

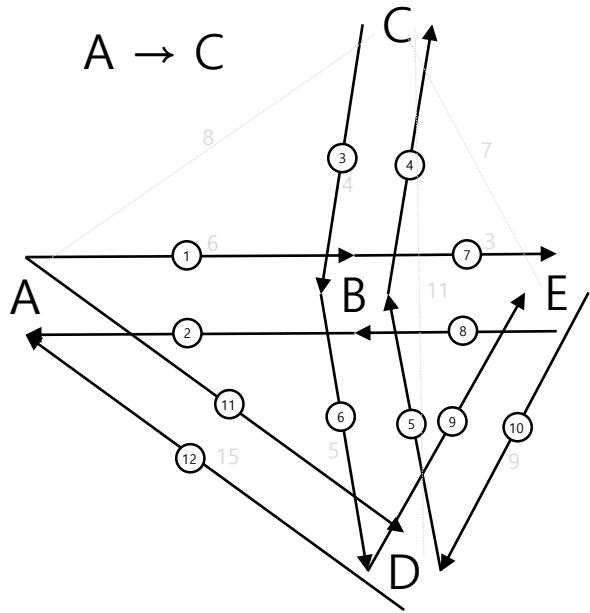
ID (N/SL/EL)	A/-/11
Target	D
F Score	26
G Score	15
H Score	11
Parent (SL/N/EL)	-/-

E/7/10	B/8/2	B/8/6	B/8/7	A/2/11	B/1/7	D/6/12	D/6/5	D/6/9
D	A	D	E	D	E	A	B	E
29	26	28	22	38	28	34	20	31
18	18	17	15	27	21	26	16	20
11	8	11	7	11	7	8	4	11
B/1/7	E/7/8	E/7/8	E/7/8	B/1/2	A/2/1	B/1/6	B/1/6	B/1/6

Close Set =

ID (N/SL/EL)	-/-	A/-/1	B/1/7	E/7/8	B/1/2	A/2/1	B/1/6
Target	A	B	E	B	A	B	D
F Score	8	10	16	16	20	22	22
G Score	0	6	9	12	12	18	11
H Score	8	4	7	4	8	4	11
Parent (SL/N/EL)	-	-/-	A/-/1	B/1/7	A/-/1	B/1/2	A/-/1





(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

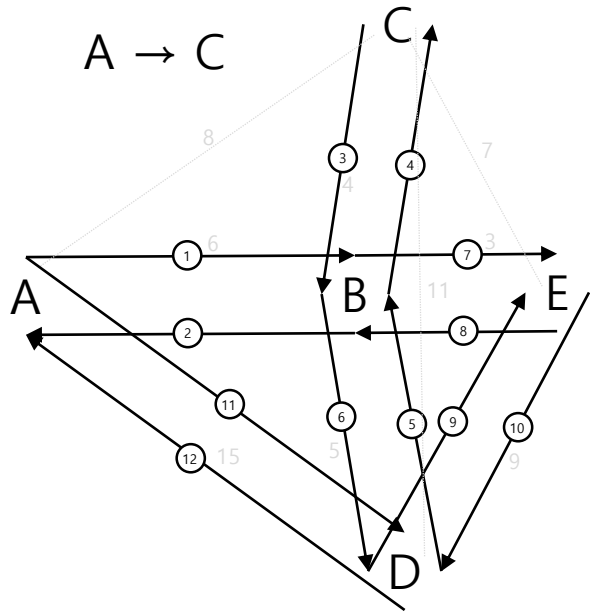
Open Set =

ID (N/SL/EL)	A/-/11	E/7/10	B/8/2	B/8/6	B/8/7	A/2/11	B/1/7	D/6/12
Target	D	D	A	D	E	D	E	A
F Score	26	29	26	28	22	38	28	34
G Score	15	18	18	17	15	27	21	26
H Score	11	11	8	11	7	11	7	8
Parent (SL/N/EL)	-/-	B/1/7	E/7/8	E/7/8	E/7/8	B/1/2	A/2/1	B/1/6

Close Set =

ID (N/SL/EL)	-/-	A/-/1	B/1/7	E/7/8	B/1/2	A/2/1	B/1/6	D/6/5
Target	A	B	E	B	A	B	D	B
F Score	8	10	16	16	20	22	22	20
G Score	0	6	9	12	12	18	11	16
H Score	8	4	7	4	8	4	11	4
Parent (SL/N/EL)	-	-/-	A/-/1	B/1/7	A/-/1	B/1/2	A/-/1	B/1/6

ID (N/SL/EL)	D/6/9	B/5/2	B/5/4	B/5/6	B/5/7
Target	E	A	C	D	E
F Score	31	30	20	32	26
G Score	20	22	20	21	19
H Score	11	8	0	11	7
Parent (SL/N/EL)	B/1/6	D/6/5	D/6/5	D/6/5	D/6/5



(회전 제한)

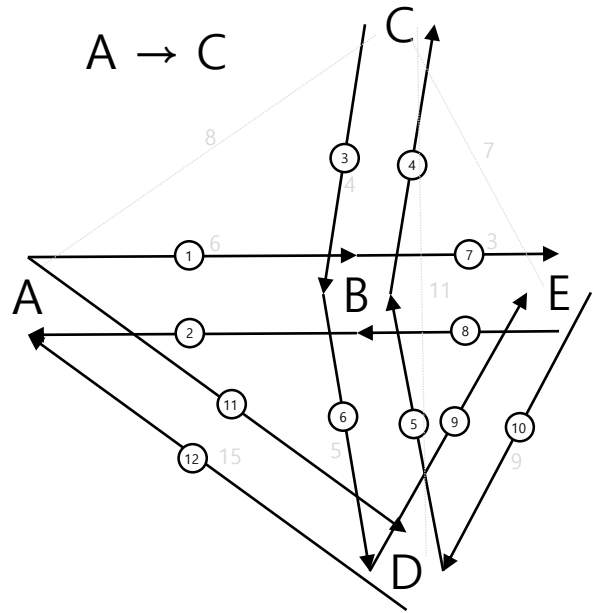
노드	시작 링크	종료 링크
B	1	4
B	8	4

Open Set =

ID (N/SL/EL)	A/-/11	E/7/10	B/8/2	B/8/6	B/8/7	A/2/11	B/1/7	D/6/12	D/6/9	B/5/2	B/5/6	B/5/7
Target	D	D	A	D	E	D	E	A	E	A	D	E
F Score	26	29	26	28	22	38	28	34	31	30	32	26
G Score	15	18	18	17	15	27	21	26	20	22	21	19
H Score	11	11	8	11	7	11	7	8	11	8	11	7
Parent (SL/N/EL)	-/-	B/1/7	E/7/8	E/7/8	E/7/8	B/1/2	A/2/1	B/1/6	B/1/6	D/6/5	D/6/5	D/6/5

Close Set =

ID (N/SL/EL)	-/-	A/-/1	B/1/7	E/7/8	B/1/2	A/2/1	B/1/6	D/6/5	B/5/4
Target	A	B	E	B	A	B	D	B	C
F Score	8	10	16	16	20	22	22	20	20
G Score	0	6	9	12	12	18	11	16	20
H Score	8	4	7	4	8	4	11	4	0
Parent (SL/N/EL)	-	-/-	A/-/1	B/1/7	A/-/1	B/1/2	A/-/1	B/1/6	D/6/5



Close Set =

ID (N/SL/EL)	-/-/-	A/-/1	B/1/7	E/7/8	B/1/2	A/2/1	B/1/6	D/6/5	B/5/4
Target	A	B	E	B	A	B	D	B	C
F Score	8	10	16	16	20	22	22	20	20
G Score	0	6	9	12	12	18	11	16	20
H Score	8	4	7	4	8	4	11	4	0
Parent (SL/N/EL)	-	-/-/-	A/-/1	B/1/7	A/-/1	B/1/2	A/-/1	B/1/6	D/6/5

(회전 제한)

노드	시작 링크	종료 링크
B	1	4
B	8	4

$B/5/4 \leftarrow D/6/5 \leftarrow B/1/6 \leftarrow A/-/1$

A에서 1번 길로 / B에서 6번 길로 / D에서 5번 길로 / B에서 4번 길로