

Further Mathematics
Advanced
PAPER 4D: Decision Mathematics 2

Monday 26 June 2023 – Afternoon

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There are two copies of each diagram in case you need them.

**THIS DIAGRAM BOOKLET *MUST* BE RETURNED
WITH THE ANSWER BOOKLET AT THE END OF THE
EXAMINATION.**

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Diagram 1

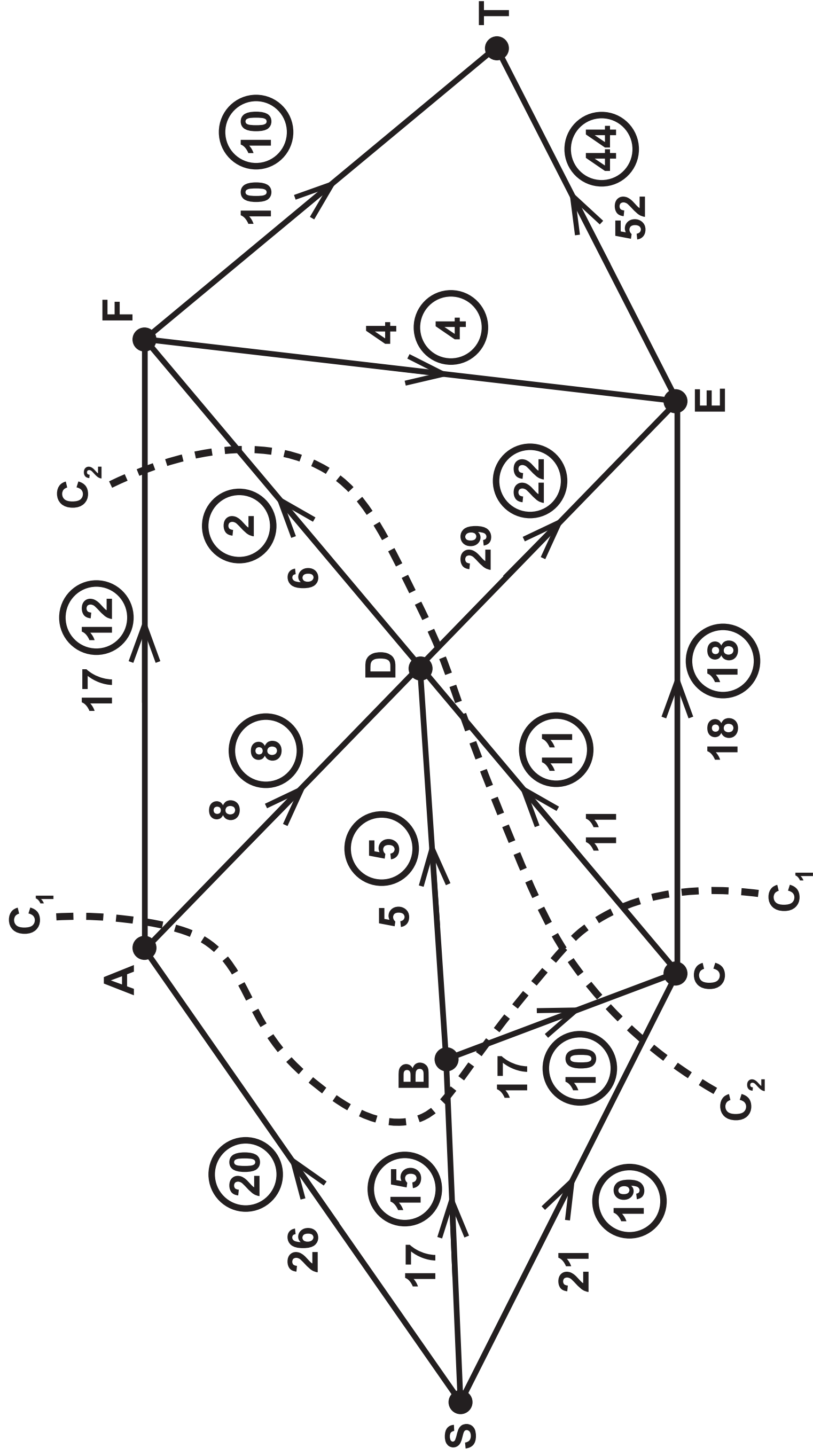


Diagram 2

	Q	R	S	Supply
A	23	18	12	45
B	8	10	14	27
C	11	14	21	34
D	19	15	11	50
Demand	75	37	44	

Diagram 3

	1	2	3	4
A	34	20	18	15
B	49	31	12	34
C	48	27	23	26
D	52	45	42	42

Diagram 4

Week	Possible countries to visit
1	A or B
2	C, D or E
3	F or G
4	H, I or J

Diagram 5

Country	Earnings in £100s
A	47
B	45
C	48
D	47
E	49
F	44
G	45
H	47
I	49
J	48

Diagram 7

[illegible]

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Turn over

Diagram 7 continued.

[illegible]

(continued on the next page)

Turn over

Diagram 7 continued.

[illegible]

(continued on the next page)

Turn over

Player B

	Option X	Option Y	Option Z
Option Q	-3	2	5
Option R	2	-1	0
Option S	4	-2	-1
Option T	-4	0	2

Player A

Diagram 1

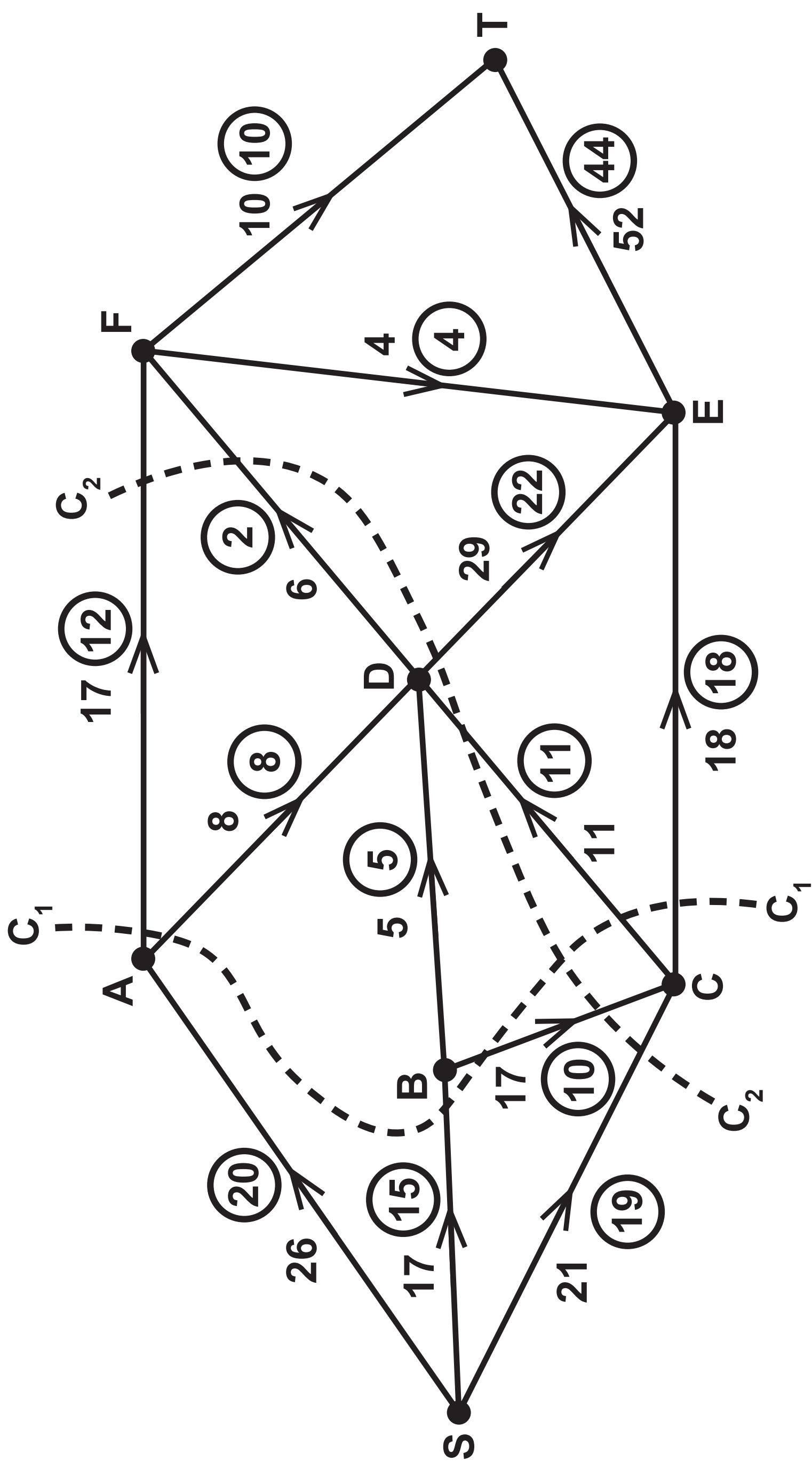


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I	49
J	48

Diagram 7

[illegible]

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Turn over

Diagram 7 continued.

Stage	State	Action	Destination	Value

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Turn over

Diagram 7 continued.

[illegible]

(continued on the next page)

Turn over

Player B

	Option X	Option Y	Option Z
Option Q	-3	2	5
Option R	2	-1	0
Option S	4	-2	-1
Option T	-4	0	2

Player A