

**Further Mathematics**  
**Advanced**  
**PAPER 4D: Decision Mathematics 2**

**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

	1	2	3	4
A	32	45	34	48
B	37	39	50	46
C	46	44	40	42
D	43	45	48	52

Diagram 1

	1	2	3	4
A	32	45	34	48
B	37	39	50	46
C	46	44	40	42
D	43	45	48	52

Diagram 2

Transport option	Usual travel time	Possible delay time	Probability of delay
Car	52	10	0.10
		25	0.02
Train	45	15	0.05
		25	0.03
Coach	55	5	0.05
		15	0.01

Diagram 2

Transport option	Usual travel time	Possible delay time	Probability of delay
Car	52	10	0.10
		25	0.02
Train	45	15	0.05
		25	0.03
Coach	55	5	0.05
		15	0.01

Diagram 3

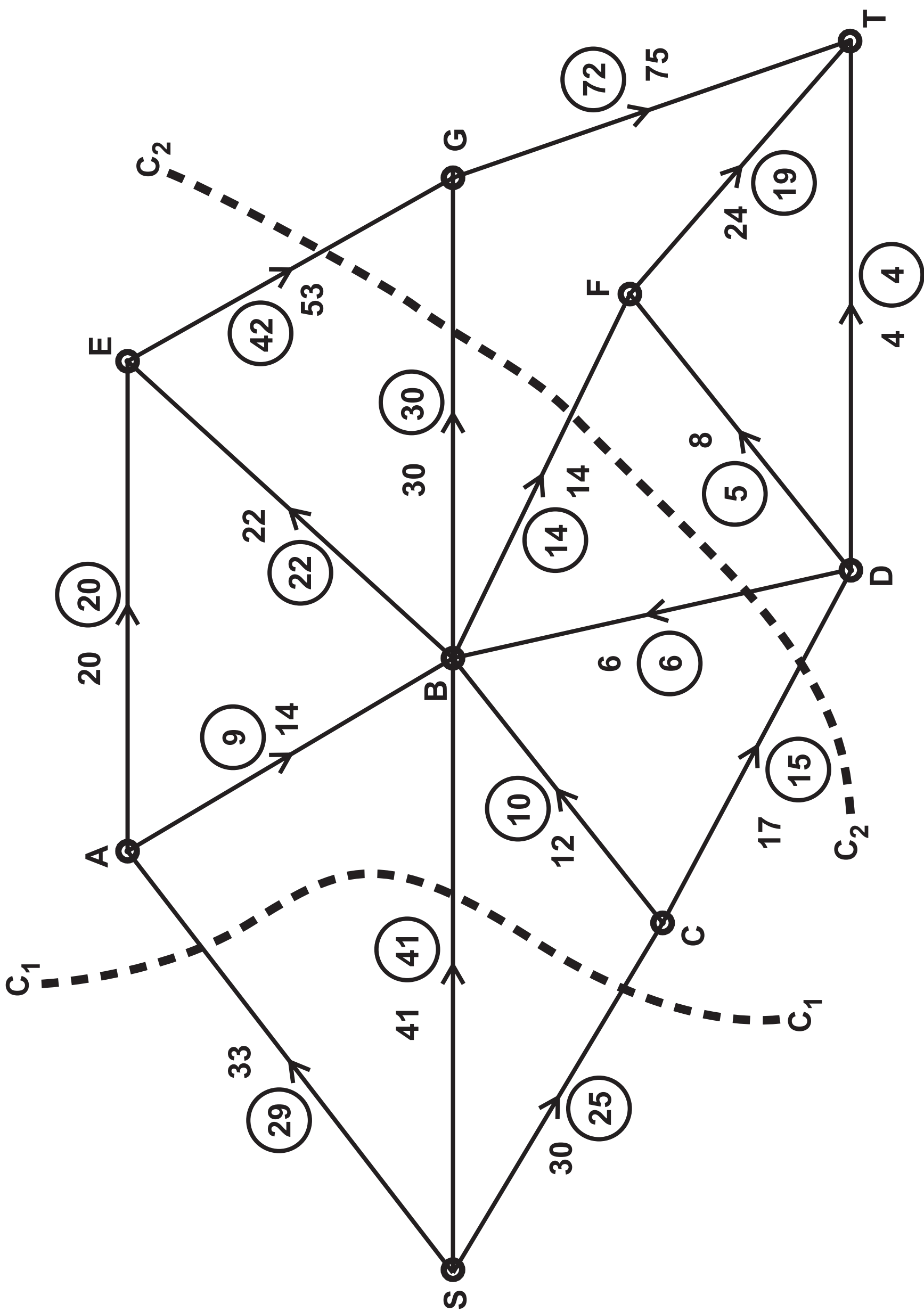




Diagram 3

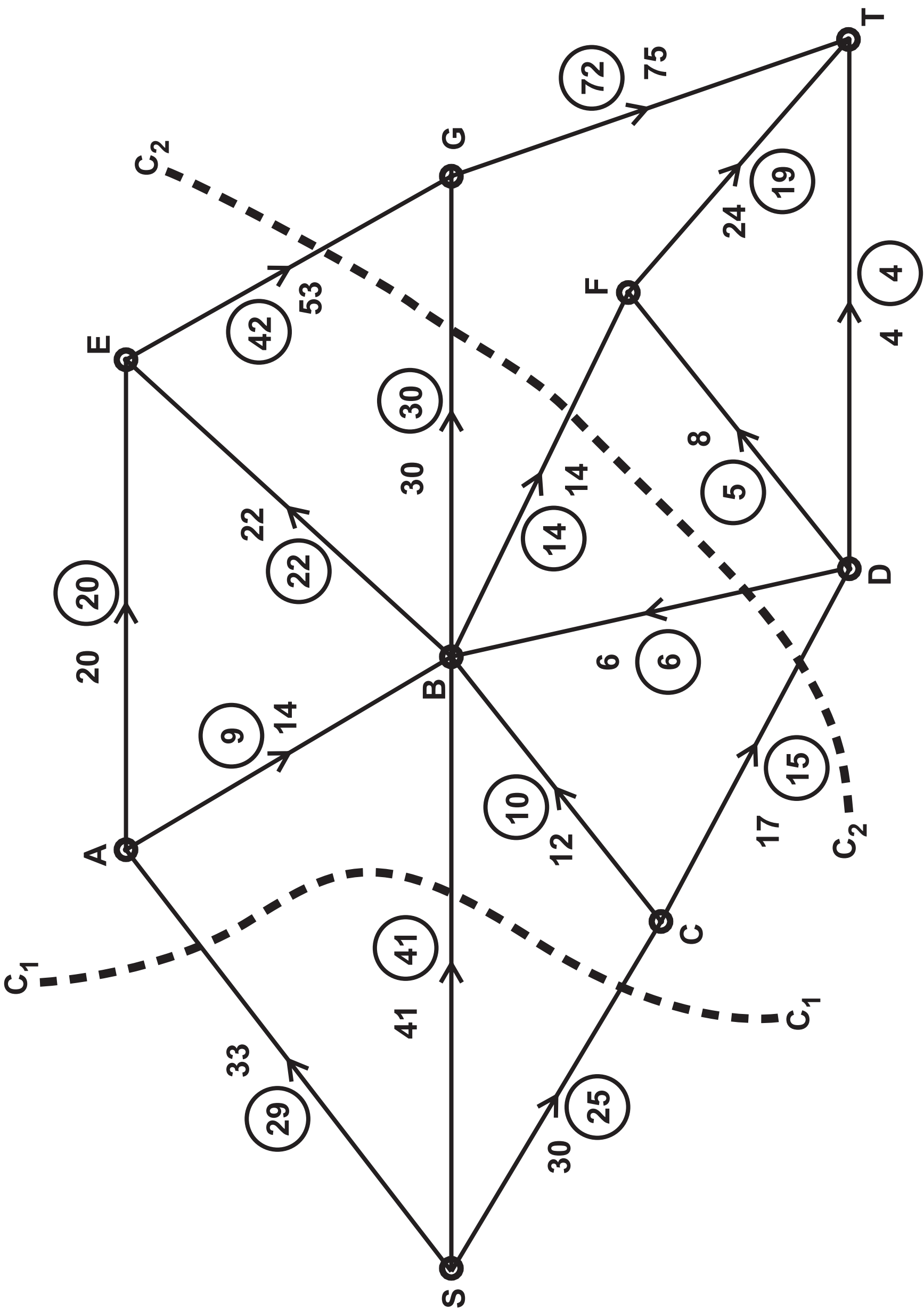


Diagram 4

Month	Number ordered
January	1
February	3
March	3
April	5
May	2

Diagram 4

Month	Number ordered
January	1
February	3
March	3
April	5
May	2

### Diagram 5

**The table below continues on the next two pages.**

[illegible]





### Diagram 5

**The table below continues on the next two pages.**

[illegible]

**Turn over**







Diagram 6

		Player B			
		Option W	Option X	Option Y	Option Z
Player A	Option Q	4	3	−1	−2
	Option R	−3	5	−4	k
	Option S	−1	6	3	−3

Diagram 6

		Player B			
		Option W	Option X	Option Y	Option Z
Player A	Option Q	4	3	−1	−2
	Option R	−3	5	−4	k
	Option S	−1	6	3	−3