



CONFIDENTIAL

RADIATION SAFETY GROUP

RADIATION NUCLEAR SUMMIT

UNIVERSITY OF TWENTE, NETHERLANDS

Rules:

- Start at the top left corner with the number in it. That is your score
- When you move up you divide your score without remainder by the number on the new square (for example the // operation in python)
- When you move down you multiply
- When you move right you add
- When you move left you subtract
- You are not allowed to move to a square where the score would be even
- You can go to a square only once
- The longest path is the answer

Example:

3↓	4	1	9
5→	2→	6→	8↓
10	2←	63	11↓
14	36↑	88←	7←

1. Start at 3 with 3 as a score
 2. Go down $3 \times 5 = 15$
 3. Go right a few times $15 + 2 + 6 + 8 = 31$
 4. Go down 2 times $31 \times 11 \times 7 = 2387$
 5. Go left 2 times $2387 - 88 - 36 = 2263$
 6. Go up $2263 // 2 = 1131$
 7. Go left $1131 - 10 = 1121$
 8. Can't go up because you already were in that square
 9. Can't go left because there is nothing there
 10. Can't go down because $1121 \times 14 = 15694$
- This path and its length is 10.

3	9	6	7	5	3	8	8	5	3
9	9	1	6	5	7	7	2	9	9
9	2	4	8	8	5	8	4	8	7
9	5	5	6	1	4	6	8	6	2
9	6	1	6	5	6	2	7	7	6
1	7	8	5	6	9	9	9	5	2
2	7	2	5	2	9	3	4	8	9
5	6	2	7	3	6	3	3	7	4
5	7	4	2	7	9	4	5	6	9
1	6	5	1	7	1	7	3	1	6

From: JgZ9KqsBpSFzVJX
 To: North
 Subj: Number labyrinth

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This is a puzzle part of puzzle hunt Pandora of I.C.T.S.V. Inter-Actief that exclusively takes place from 14 May through 18 May. Please leave this puzzle in this exact spot. It will be removed by the organization after the event. For more questions refer to www.iapandora.nl or call +31 6 83197157