



A friend and I recently visited a corn maze. Although we didn't take the most direct route, we made it out eventually! I kept careful notes on scraps of paper, detailing every turn and decision we made, but after we left my notes got disorganized. Based on the overhead picture of the maze, can you help put the segments of our path back in the correct order?

Because it was important to differentiate between a turn in the path, a fork in the path (where you have a choice between two paths), and an intersection (where you have a choice between three paths), I came up with the following shorthand:

R = followed path that turned right  
 SPLIT L = path split into two paths, took path left  
 INT S = 4-way intersection, took path straight ahead

Path segments (remember, these are out of order!):

Entered the maze and...

- |   |   |  |
|---|---|--|
| 1) L – SPLIT R – immediately<br>another SPLIT R | 5) INT L – SPLIT R – R – L                          | 9) go under bridge                         |
| 2) INT R – L – L                                | 6) L – SPLIT S – R                                  | 10) L – R – SPLIT R – SPLIT S              |
| 3) SPLIT S – R – SPLIT R – R – L                | 7) SPLIT R – immediately<br>another SPLIT L – R – R | 11) SPLIT L – R – R – SPLIT L              |
| 4) R – SPLIT S – R – R – SPLIT L                | 8) INT L (think we've been<br>here before) – L – R  | 12) L – SPLIT R – SPLIT L –<br>SPLIT R – L |

... L – L – R – R – go over bridge – R – R – L – exit!