

Snellgrove Maze Test

Administration Instructions

The Maze Test was developed as a pencil and paper test of attention, visuoconstructional ability, and executive functions of planning and foresight. Participants complete a simple demonstration (or practice) maze first to establish the rule set, and then complete the Maze Task. Performance is measured in time (in seconds), using a timer or stopwatch, and the total number of errors. Errors are determined by the number of times a participant enters a dead end or fails to stay in the lines. Time to administer is 1–4 minutes. The Maze should be printed on an 8 × 11" paper with the Maze Test at least 5.5" square and the practice 4.5".

To administer the test, the **Practice maze** is placed in front of the participant in the correct orientation. The participant is provided with a pen, and the administrator says:

"I want you to find the route from the start to the exit of the maze. Put your pen here at the start (point to the start). Here is the exit of the maze (point to the exit). Draw a line representing the route from the start to the exit of the maze. The rules are that you are not to run into dead ends (point to a dead end) or cross solid lines (point to a solid line). Go."

The instructions are repeated, if required, and any rule-breaks should be corrected. The participant is permitted to lift the pen from the page. When the participant has attempted the maze, record whether the task was completed (yes or no), and the number of times the participant required repeating or reminding of the instructions.

Next the **actual Maze Task** is placed in front of the participant in the correct orientation. The participant is provided with a pen, and the administrator says:

"Good, now that I know you understand the task, I'm going to time you as you find the route from the start to the exit of the maze. Put your pen here at the start (point to the start). Here is the exit (point to the exit). Draw a line representing the route from the start to the exit of the maze. The same rules apply. Don't run into any dead ends (point to a dead end), or cross any lines (point to a solid line). Are you ready? I'm starting the timer now. Go!"

The instructions are not repeated and any rule breaks are not corrected. If questions are asked, the response should be: *I can't give you any more help. Do the task as best you can.* Stop the timer immediately upon the participant's completion of the task. There is a limit of 3 minutes for the Maze Task. If the maze has not been completed in this time, discontinue. The recording of the test includes whether the Maze Task was completed (yes or no); the time in seconds to complete the Maze Task, and the number of errors (entry into a dead end, and/or failure to stay within the lane).

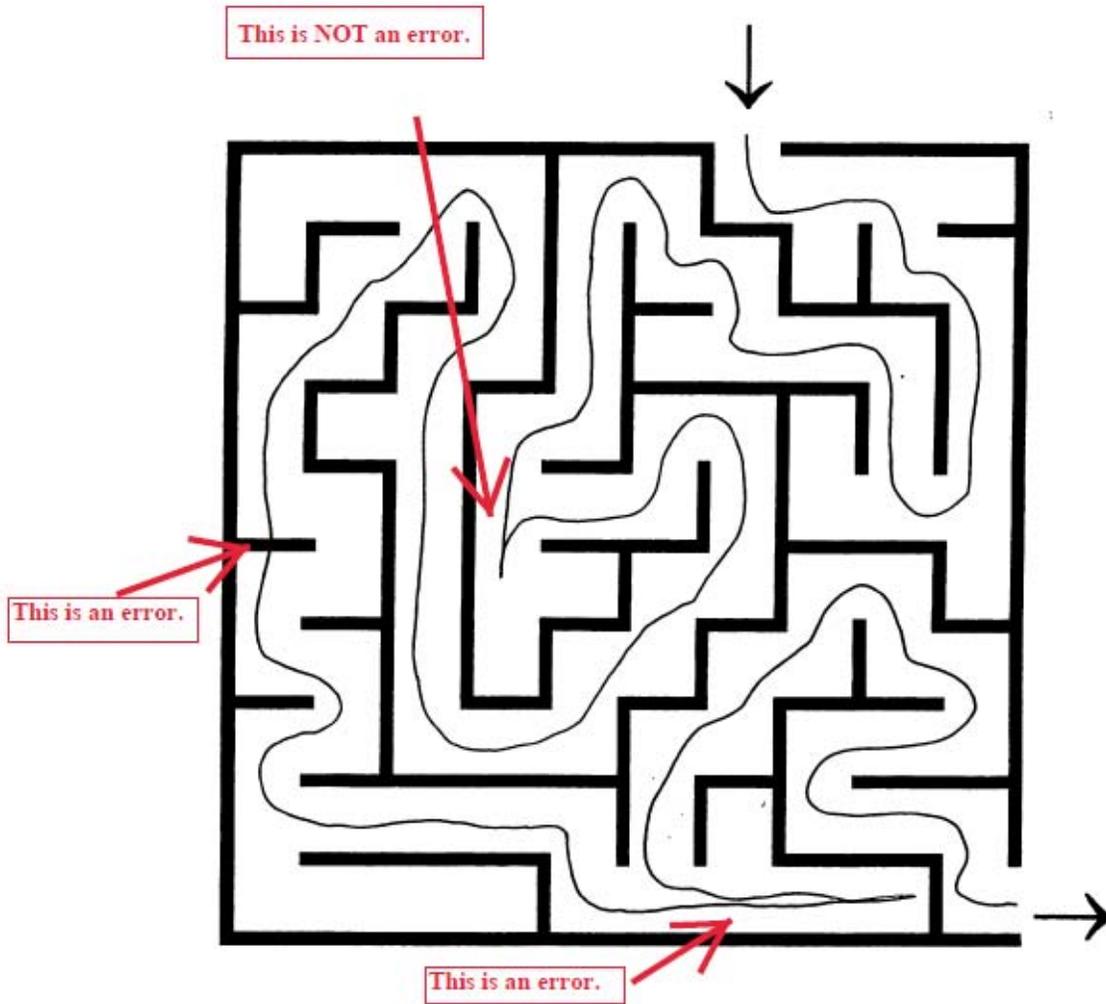
Suggested Cut-Point Scores

1. If completed in 61 seconds or longer, with or without errors, then the participant is not cognitively fit to drive safely.

2. If completed in up to 60 seconds, but with two or more errors, then the participant is not cognitively fit to drive safely.
3. If completed in less than 60 seconds, with zero or one error, then the participant is likely to have adequate capacity in the cognitive domains of attention, visuoconstructional skills, and executive functions of planning and foresight to drive safely.

Illustration of Errors

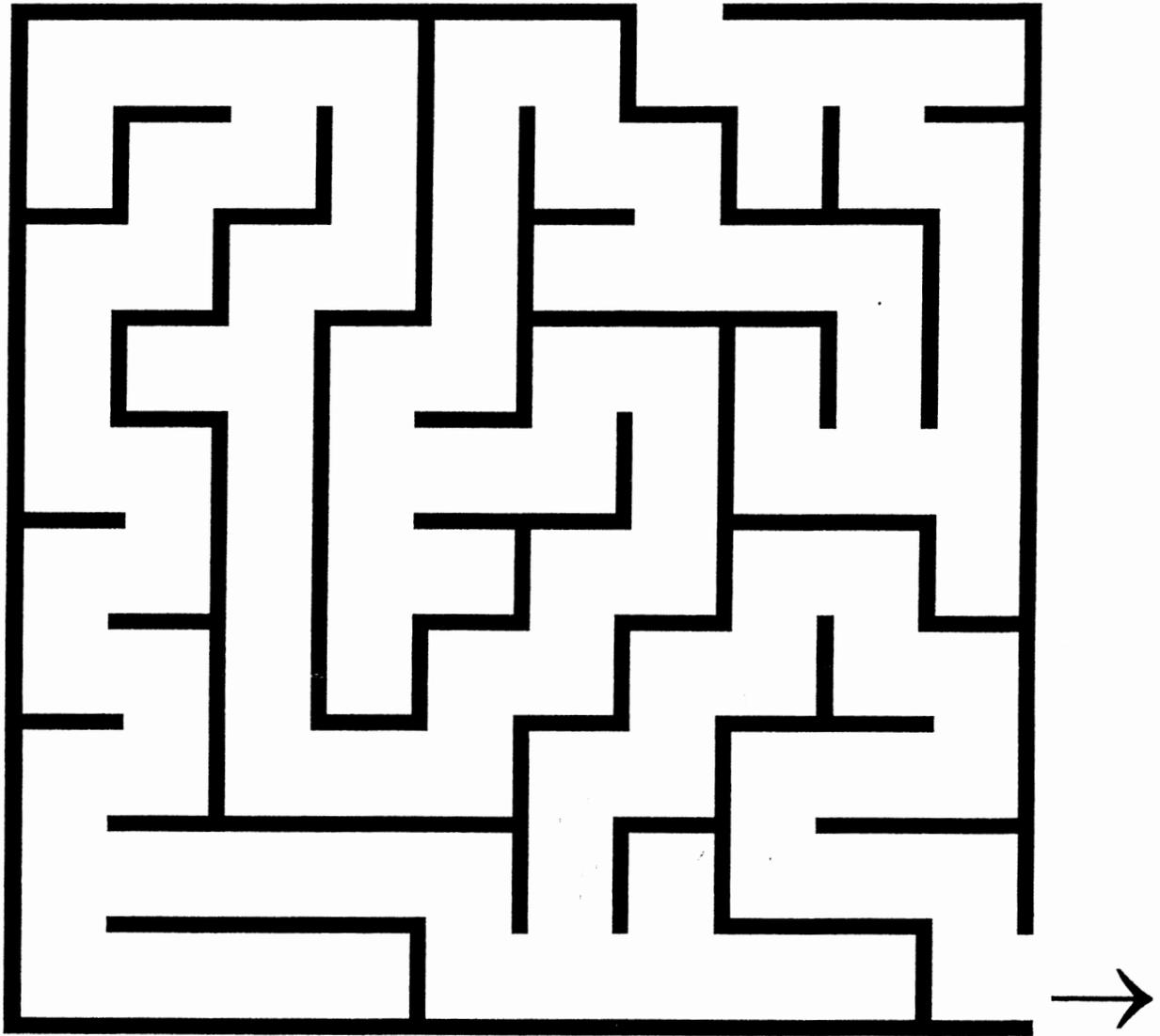
MAZE TASK[®]



Date: _____
Patient name: _____
Task completed: _____ (yes / no)
Time to complete task: _____ (seconds)
Number of errors: _____

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MAZE TASK[©]



Date: _____
Patient name: _____
Task completed: _____ (yes / no)
Time to complete task: _____ (seconds)
Number of errors: _____