Welcome to our categorization experiment. On each trial of the experiment you will be presented with a single line that has some fixed length and orientation. You will be asked to categorize that line into either category 1, 2, 3 or 4. At first you will just be guessing but the computer will give you feedback telling you whether you are correct or wrong. As the task progresses your accuracy will likely increase. The response keys for this task are shown below. If you feel the line is in category 1 press the “w” key. If you feel the line is in category 2 press the “z” key. If you feel the line is in category 3 press the “p” key. If you feel the line is in category 4 press then “/?” key. Go ahead and guess by pressing one of the four category keys.

{w = Category 1      \       p = Category 3}

{z = Category 2              /? = Category 4}

 After your response you will receive feedback. Here you will be told whether your response was 'correct' or 'wrong.' The feedback will be displayed only for a second. This categorization task will be present throughout the entire study.

{            Correct          }

{             or              }

{            Wrong            }

At some point during the experiment we will ask you to do something different. We will continue to ask you to categorize lines but we will also ask you to remember two numbers. On this page, you will notice the two numbers on either size of the line. This is the paired numbers task. In this example, one of the numbers is larger in 'size' and the other is large in 'value.' After a brief moment, the paired numbers will disappear and you will be asked to respond to the categorization task. Go ahead and respond with one of the 4 categories (w,z,p,/?)

{[2]         \           5}

[FEEDBACK DISPLAY 1 SECOND - WILL ALWAYS BE 'WRONG']

After the feedback display for the categorization task, you will be asked to respond to either the number that was of a larger 'size' or of a larger 'value.' The 'F' key corresponds to the number on the left and the 'J' key corresponds with the number on the right. Go ahead and respond to which number was of the larger 'size'.

{            Size?            }

{             or              }

{           Value?            }

After your response to the paired numbers query, you will be given feedback. You will see either 'correct' or 'wrong' depending on the accuracy of your response. Keep in mind the paired numbers task will only be present during one specific part of the study. We will tell you before we introduce this second task. Press spacebar to continue.

You will now begin the experiment. Remember that the response keys for the categorization task are w,z,p and /? and the response keys for the paired numbers task are “F” and “J”. You should try your hardest on both parts of the experiment but the paired number task should take priority. At first your accuracy will be poor but it will improve as you continue the study. If you have any questions please ask the experimenter now.

Please press spacebar to continue.

You are doing great. Press spacebar to continue.[EVERY TRANSITION LINE]

Great job!

You will now perform both the categorization task and the paired numbers task simultaneously. Keep trying your hardest!

You have now finished the section with the paired numbers task. You will now be shown only the line categorization task. Keep trying your hardest.

Thank so much for your participation. Please tell the experimenter you have finished.