*Psych Labs:* Lexical Decisions Experiment — Report Worksheet

***Student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section \_\_\_\_\_\_\_\_\_\_\_\_***

1. **Introduction: Hypothesis.** Briefly describe the purpose of this experiment. Based on the background readings, state the main hypothesis of this experiment as a testable prediction. Then, in your own words, describe the “direct access” model and “relay” model of hemispheric specialization, and explain why both models would predict a right visual field advantage on our lexical decision task.

2a. **Method: Participants.** Briefly describe the participants in this experiment, including number of participants, gender ratio, and a rough age range.

2b. **Method: Variables.** Every experiment involves at least one i*ndependent variable* (a variable that gets manipulated) and at least one *dependent variable* (a variable that gets measured). Name and describe the two independent variables and the two dependent variables in this experiment and explain why each of them is an independent or dependent variable. *Hint: Look at your data sheet.*

2c. **Method: Procedure.** Briefly explain what a “lexical decision” task is. Then describe the procedures this experiment used to present the stimuli and collect the behavioral responses from the participants. *Hint: If necessary, go back through the experiment again to help you remember the procedure (using Course Section = 0).*

3. **Results.** Using the statistical analysis from the pooled data, describe the pooled results for the individuals who participated in this experiment (including the mean RT and PC values, as well as the t-value and p-value from the t-tests).

4a. **Discussion: Comparison with Previous Research.** Briefly restate the main findings from this experiment. Did the pooled results support the main hypothesis you stated above? How did our findings compare to the previous research summarized in the background readings?

4b. **Discussion: Comparison with Individual Results.** Overall, how similar were your own individual results to the pooled results? Describe how your results are similar or different from the pooled results.