

General Biology and Lab II - BIO196
White Eyed Trait in *Drosophila melanogaster*
Hypothesis and Prediction of Phenotypes for F₂

Name: _____ Partner: _____

Observation

What major change did you observe in the F₁ generation compared to the parent generation?

Hypothesis

What is your hypothesis to explain the phenotypes (white/red eye trait) observed in your F₁ generation? (Punnett square may be used to explain).

Prediction

If your hypothesis is correct, what will be the predicted ratio of phenotypes in your F₂ generation? (Punnett square may be used to explain)