

**Student:** Aidan Sharpe

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## Prelab Question:

Match the following fly crosses to the appropriate phenotypic ratio of offspring.

LI x II : 1 long wing : 1 short wing

LI x LL : 4 Long wing : 0 short wing

LI x LI : 3 long wing : 1 short wing

## Lab wrap-up question #1:

Based on the ratio of offspring you identified, which of the following are the likely parental genotypes?

LI x LI

## Lab wrap-up question #2:

In the cross LI x LI, you identified the phenotypic ratio as 3 long wing: 1 short wing. What would be the genotypic ratio?

1 LL : 2 LI : 1 II

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## Collected Lab Data

	Long wing offspring	Short wing offspring
Number of offspring	19	7
Phenotypic ratio Long wing : Short wing	3 : 1	

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