

Fruit Fly Genetics Web Application Work Sheet

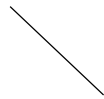
Fill all the information, draw the Punnett squares with male genotypes on the left and female genotypes on the top. Every box has 25% probability. Depending on the offspring produced, divide the number of offspring into different types and calculate number of each type of traits.

Generation Number: Number of offspring:

Male Parent:

Female Parent:

Punnett Square Prediction:



Outcome:

Phenotypes of produce offspring are:

Red eyes	White eyes	Normal wings	Curly wings	Male	Female
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Does your results match with the data from the experiment?

Yes / No

If no, what do you think is the reason for it?