

Name _____

Fruit Fly Genetics Worksheet

Record the traits that were selected for your flies here:

Dominant Traits

Recessive Traits

Body Color _____

Body Color _____

Eye Color _____

Eye Color _____

Wing Type _____

Wing Type _____

First Generation

Punnett Squares:

Body Color

	B	b
B		
b		

Eye Color

	E	e
E		
e		

Wing Type

	W	w
W		
w		

Predicted

Results:

	Body	Eyes	Wings
Heterozygous Ff	%	%	%
Homozygous Dominant FF	%	%	%
Homozygous Recessive ff	%	%	%

Real

Results:

	Body	Eyes	Wings
Heterozygous Ff			
Homozygous Dominant FF			
Homozygous Recessive ff			