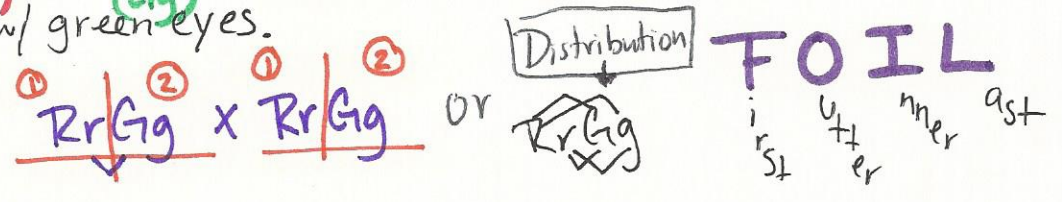


Dihybrid → 2 Traits

(R) Red hair is dominant over Blonde hair. (G) Green eyes are dominant over grey eyes.

(g) Dad is heterozygous for red hair w/ green eyes + mom is heterozygous red hair w/ green eyes.

Parents:
 Mom: RrGg
 Dad: RrGg



	RG	Rg	rG	rg
RG	RRGG •	RRGg •	RrGG •	RrGg •
Rg	RRGg •	RRgg •	RrGg •	Rrgg •
rG	RrGG •	RrGg •	rrGG •	rrGg •
rg	RrGg •	Rrgg •	rrGg •	rrgg •

Phenotype Ratio:

- Red Hair + Green eyes: 9
- Red Hair + Grey eyes: 3
- Blonde Hair + Grey eyes: 3
- Blonde Hair + Green eyes: 1

Genotype Ratio

- RRGG: 1
- RRGg: 2
- RRgg: 1
- RrGG: 2
- RrGg: 4
- Rrgg: 2
- rrGG: 1
- rrGg: 2
- rrgg: 1

Dihybrid Cross → 2 traits

(B)

(b)

(E)

(e)

1. Brown hair is dominant over blonde hair. Brown eyes are dominant over blue eyes.

(Bb)

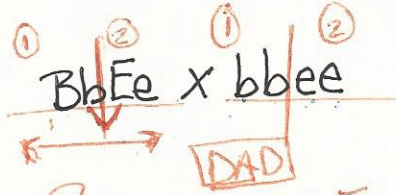
(Ee)

Heterozygous brown haired, brown eyed man that is crossed with a blonde haired, blue eyed woman.

(bb)

Parents: Man: BbEe

woman: bb ee



FOIL
FIRST

MOM

	BE	Be	bE	be
be	BbEe	Bbee	bbEe	bbee
be	BbEe	Bbee	bbEe	bbee
be	BbEe	Bbee	bbEe	bbee
be	BbEe <small>Brown eyes brown hair</small>	Bbee	bbEe	bbee

Ratio: Phenotype: 1:1:1:1 Ratio

- Brown Hair + Brown eyes: 4
- Brown Hair + Blue eyes: 4
- Blonde Hair + Brown eyes: 4
- Blonde Hair + Blue eyes: 4

Genotype Ratio: 1:1:1:1 Ratio

- BbEe: 4
- Bbee: 4
- bbEe: 4
- bbee: 4