

Notes for Codominance & Sex Chromosomes

Codominance is when both alleles are dominant, so the traits for both are expressed and seem to blend.

The codes will work like this...

In cats, there is an allele for black fur (B) and an allele for tan fur (B'). Both alleles are dominant. So, the combinations of alleles will give you the following colors of cats...

BB - Black
BB' - Tabby
B'B' - Tan

What happens if you cross a black cat with a tan cat?

		B	B	BB		B'B'
B'		BB'	BB'	Tabby		Tabby
B'		BB'	BB'	Tabby		Tabby

What happens if you cross two cats that are heterozygous?

		B	B'		
B		BB	BB'	Black	Tabby
B'		BB'	B'B'	Tabby	Tan

Notes for Codominance & Sex Chromosomes

Sex Chromosomes are the chromosomes that determine your gender.

There are two types: X and Y.

Male: XY Female: XX

Show a cross between a male and a female.

Too easy!
You figure it out from here!

G-Ratio: _____

P-Ratio: _____

Will the ratios always turn out this way for this type of cross?

Does it matter? *Yes.*