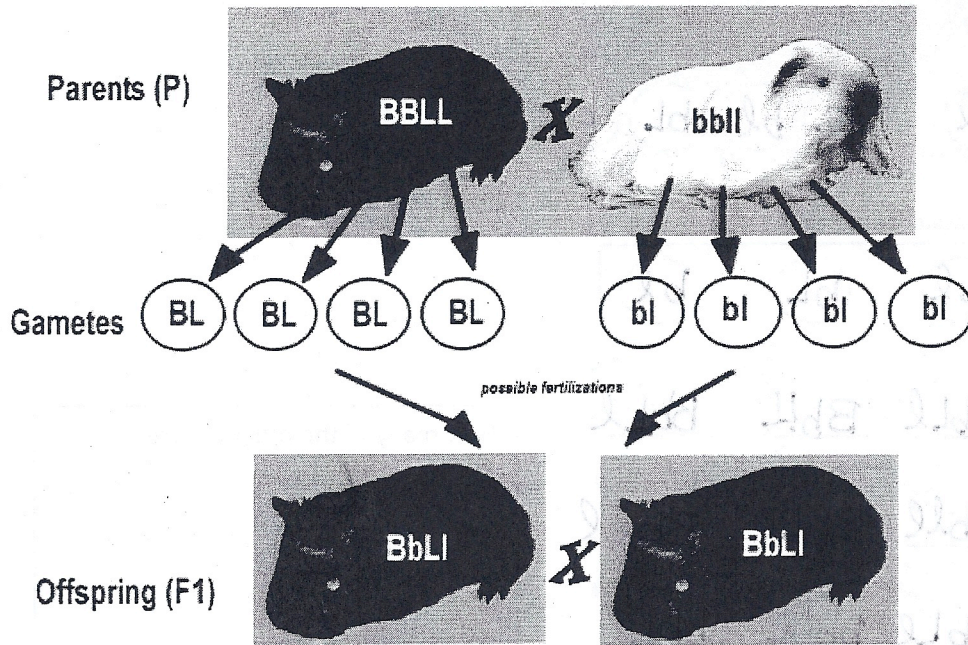


DIHYBRID CROSS

Name _____



A cross (or mating) between two organisms where two genes are studied is called a DIHYBRID cross.

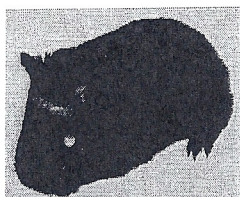
The genes are located on separate chromosomes, so the traits themselves are unrelated.

BB = black
Bb = black
bb = white
LL = short hair
Ll = short hair
ll = long hair

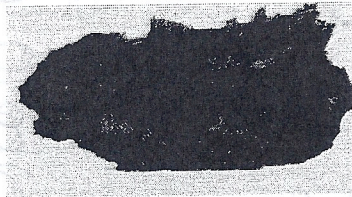
		Female Gametes			
		BL	Bl	bL	bl
Male Gametes	BL	BBLL	BBLL	BbLL	BbLL
	Bl	BBLL	BBll	BbLL	Bbll
	bL	BbLL	BbLL	bbLL	bbLL
	bl	Bbll	Bbll	bbll	bbll

Fill out the genotypes of each of the offspring to determine how many of each type of offspring are produced.

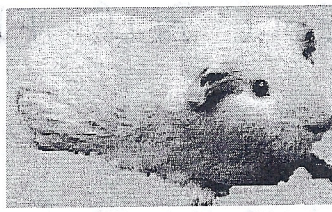
Phenotypic ratios - How many, out of 16 are:



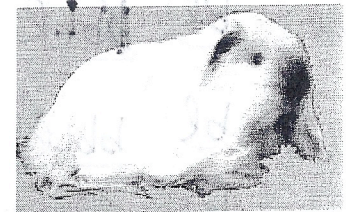
Black, Short



Black, Long



White, Short



White, Long

9

3

3

1

