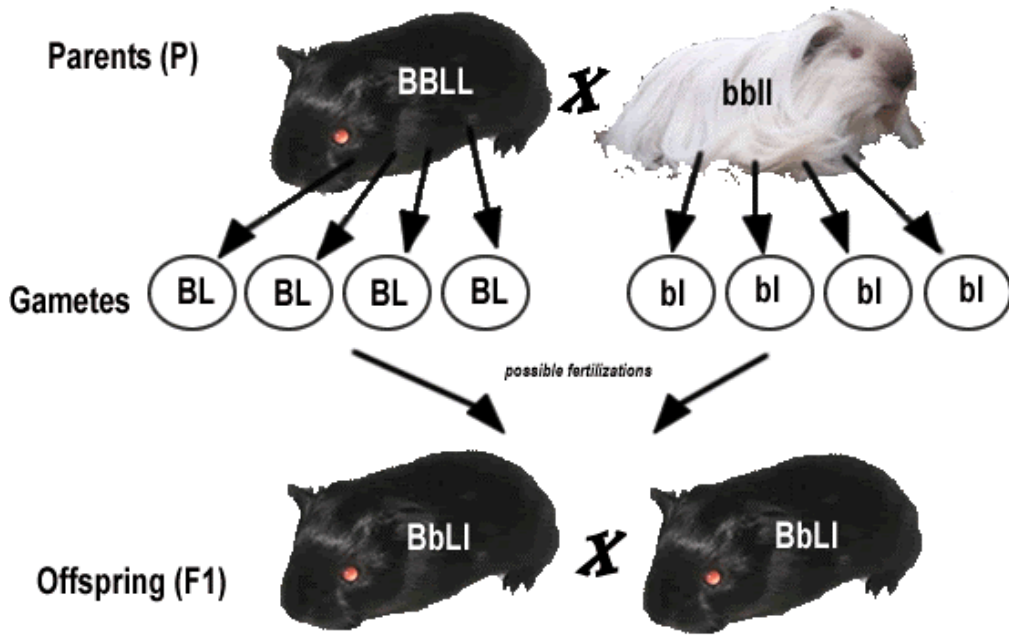


Name: _____

DIHYBRID CROSS



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

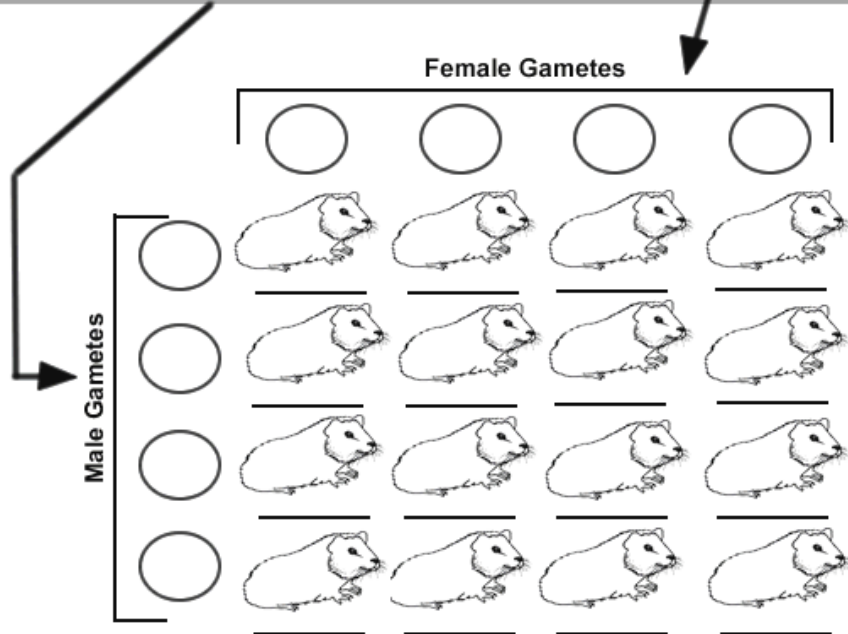
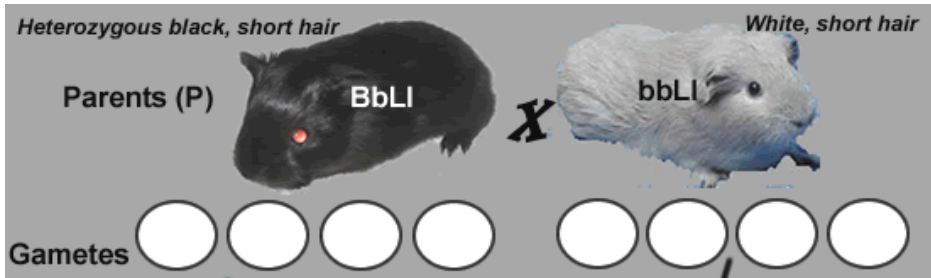
	BL	Bl	bL	bl
BL				
Bl				
bL				
bl				

Male Gametes

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

How many (out of 16) will be...





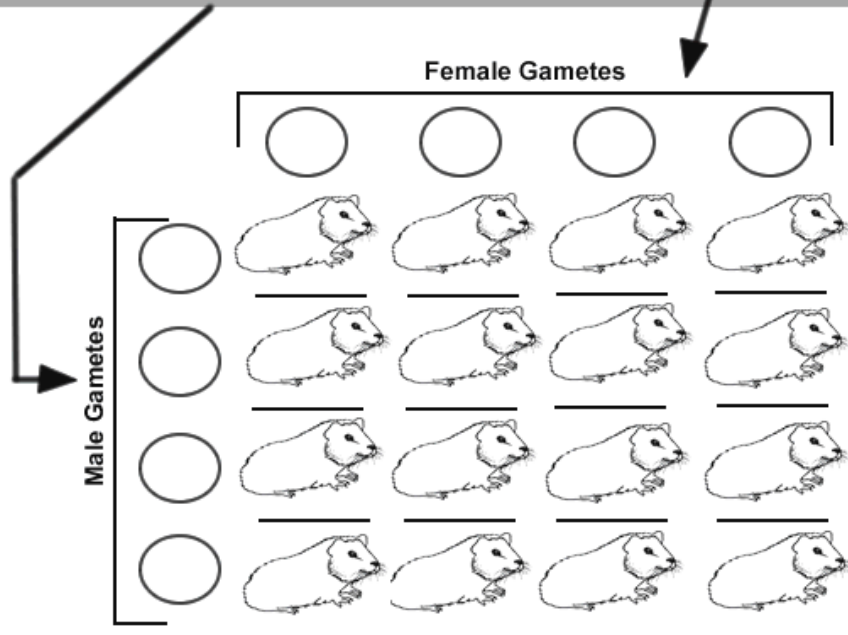
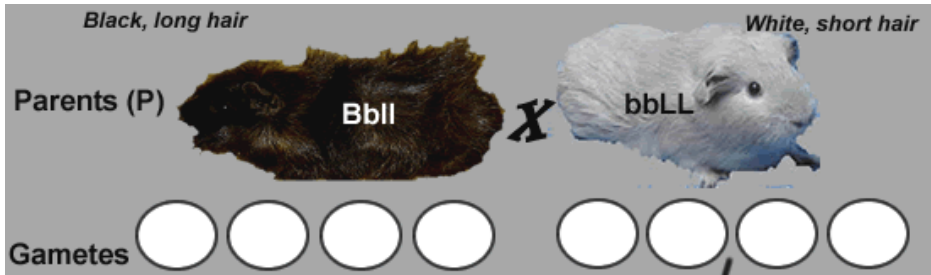
How many of the offspring are:

Black, Short _____

Black, Long _____

White, Short _____

White, Long _____



How many of the offspring are:

Black, Short _____

Black, Long _____

White, Short _____

White, Long _____