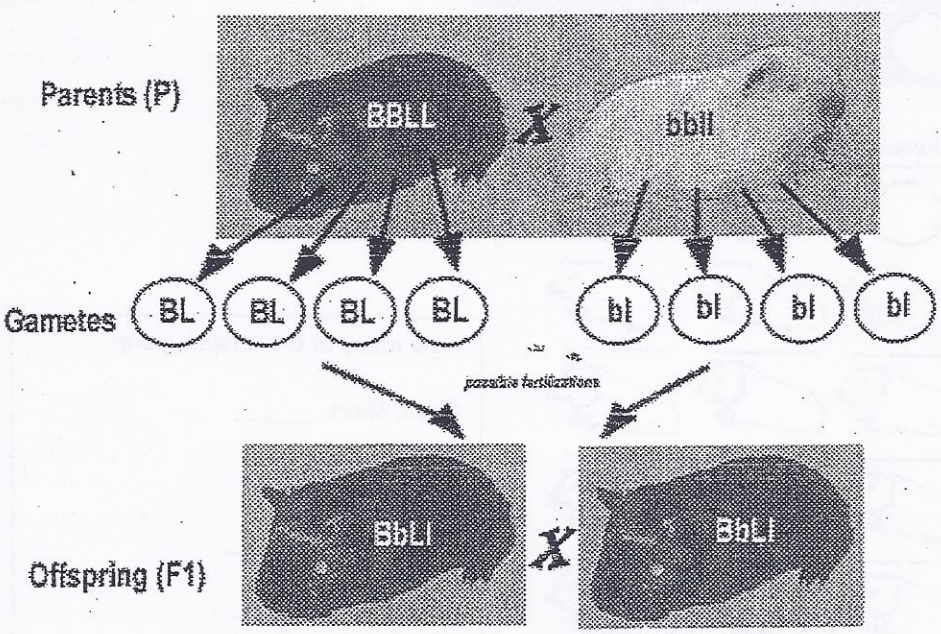
DIHYBRID CROSS

Name _____

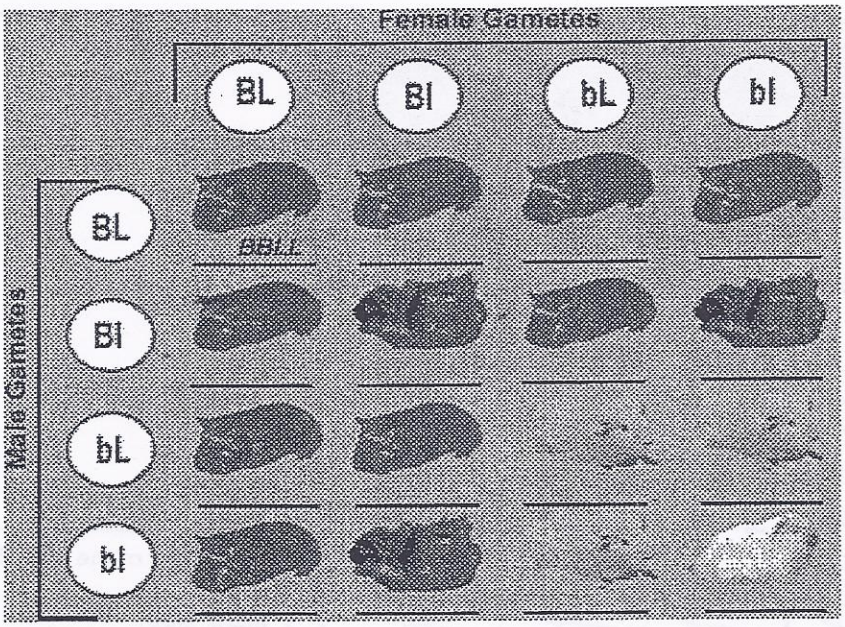
A cross (or mating) between two organisms where two genes are studied is called a DIHYBRID cross.

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



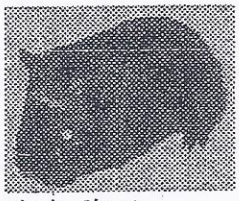
BB = black
Bb = black
bb = white

LL = short hair
Ll = short hair
ll = long hair



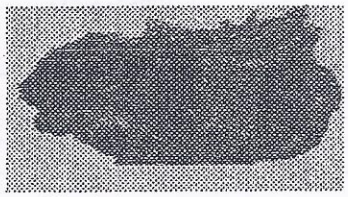
Fill out the genotypes of each of the offspring to determine how many of each type of offspring are produced.

Phenotypic ratios - How many, out of 16 are:



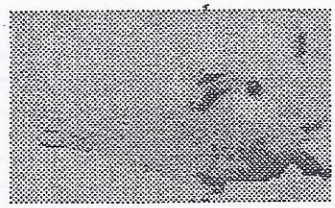
Black, Short

_____



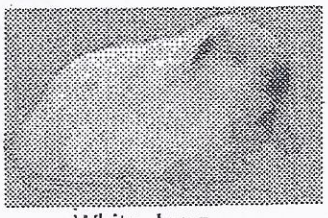
Black, Long

_____



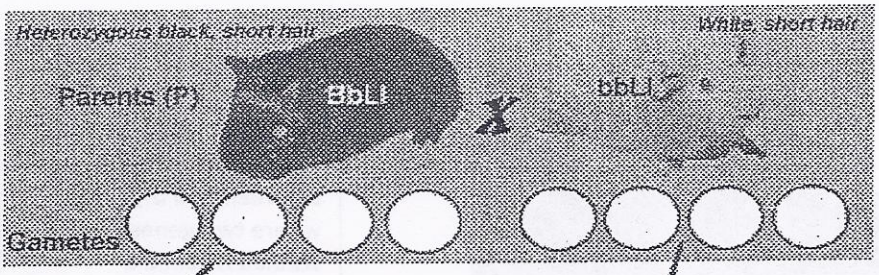
White, Short

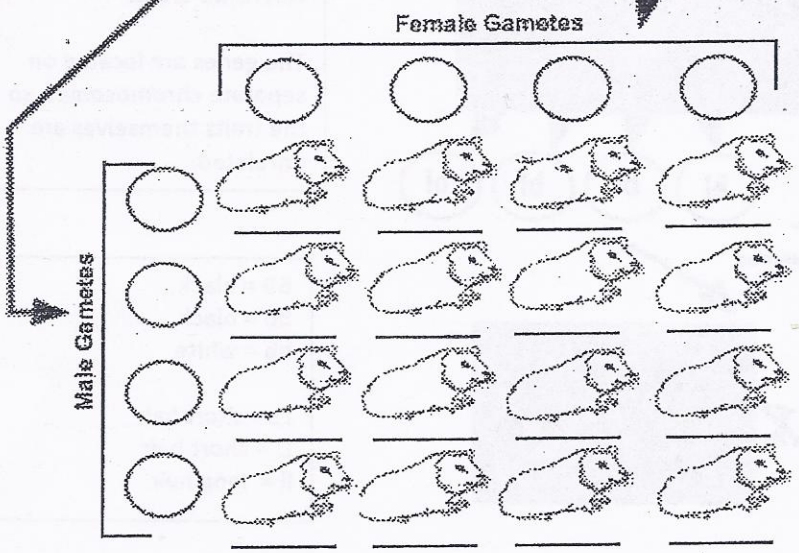
_____



White, Long

_____





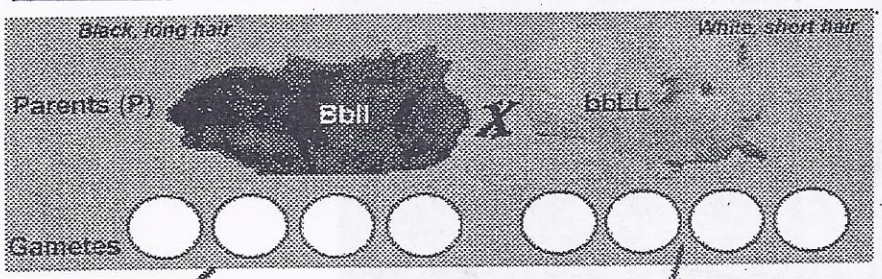
How many of the offspring are:

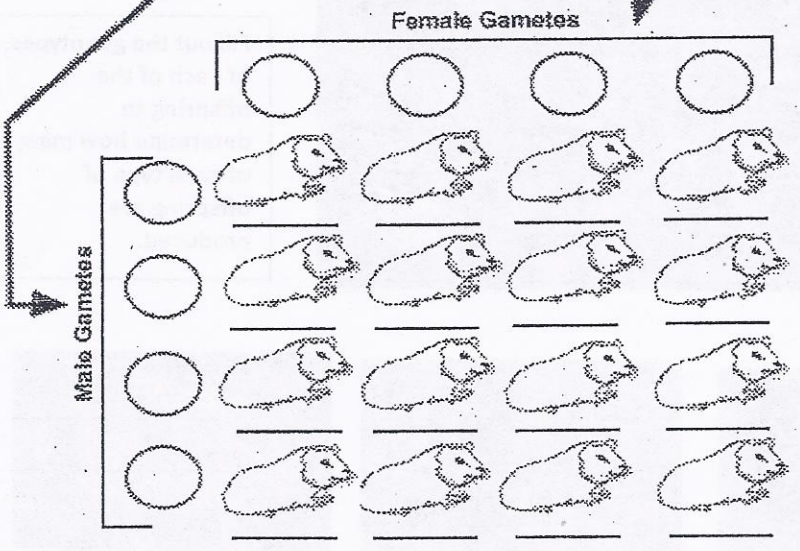
Black, Short _____

Black, Long _____

White, Short _____

White, Long _____





How many of the offspring are:

Black, Short _____

Black, Long _____

White, Short _____

White, Long _____