

Name _____ Date _____ Period _____

Genotype and Phenotype

1. For each genotype, indicate whether it is heterozygous (He) or homozygous (Ho)

Jj _____

kk _____

LL _____

Mm _____

2. For each of the genotypes below determine what phenotypes would be possible.

(Purple flowers are dominant to white flowers).

PP _____ Pp _____ pp _____

(Brown eyes are dominant to blue eyes)

BB _____ Bb _____ bb _____

(Bobtails in cats are recessive to long tail)

TT _____ Tt _____ tt _____

(Round seeds are dominant to wrinkled seeds)

RR _____ Rr _____ rr _____