

Name _____ Date _____ Section _____

Genetics Practice Problems -Worksheet #1

1. For each genotype below, indicate whether it is heterozygous , homozygous dominant, or homozygous recessive.

AA _____

Ee _____

Ii _____

Mm _____

Bb _____

ff _____

Jj _____

nn _____

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 _____

3. For each phenotype below, list the genotypes (remember to use the letter of the dominant trait).

Straight hair is dominant to curly hair.

_____ straight

_____ curly

Pointed heads are dominant to round heads.

_____ pointed

_____ round