

Genetics Practice Problems - Simple Worksheet

Name _____ Class Period: _____

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

AA _____	Ee _____	Ii _____	Mm _____
Bb _____	ff _____	Jj _____	nn _____
Cc _____	Gg _____	kk _____	oo _____
DD _____	HH _____	LL _____	Pp _____

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

Purple flowers are dominant to white flowers. *Brown eyes are dominant to blue eyes.*

PP _____

BB _____

Pp _____

Bb _____

pp _____

bb _____

Round seeds are dominant to wrinkled seeds.

Bobtails in cats are recessive.

RR _____

TT _____

Rr _____

Tt _____

rr _____

tt _____

3. For each **phenotype** below, list the **genotypes** (Use the letter of the dominant trait)

Pointed heads are dominant to round heads.

Straight hair is dominant to curly.

_____ pointed (Homozygous)

_____ straight (Homozygous)

_____ pointed (Heterozygous)

_____ straight (Heterozygous)

_____ round (recessive homozygous)

_____ curly (recessive homozygous)