

Genetics Practice Problems - Simple Worksheet

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.

PP _____
Pp _____
pp _____

Brown eyes are dominant to blue eyes

BB _____
Bb _____
bb _____

Round seeds are dominant to wrinkled seeds.

RR _____
Rr _____
rr _____

Bobtails in cats are recessive.

TT _____
Tt _____
tt _____

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

Straight hair is dominant to curly.

_____ straight
_____ straight
_____ curly

Pointed heads are dominant to round heads.

_____ pointed
_____ pointed
_____ round