

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 _____

Bobtails in cats are recessive.

TT _____

Tt _____

tt _____

Round seeds are dominant to wrinkled seeds

RR _____

Rr _____

rr _____