

Genetic Problems Practice

Name _____

Date _____

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

- | | | |
|-----------------|-----------------|-----------------|
| AA | EE | Ii |
| Bb | ff | kk |
| Cc | Gg | LL |
| DD | Hh | OO |
| AA | JJ | Mm |

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

Purple flowers are dominant to white flowers.

Bobtails in cats are recessive.

- PP**
- Pp**
- pp**

- BB**
- Bb**
- bb**

Brown eyes are dominant to blue eyes.

Round seeds are dominant to wrinkled seeds.

- BB**
- Bb**
- bb**

- RR**
- Rr**
- rr**

3. Set up the punnet squares for each of the crosses listed below!

