

Name _____

Genetics Practice Problems Worksheet

1. For each genotype below, indicate whether it is heterozygous (Hh) or homozygous (HH).

AA	Ee	bb	ffaa
bb	ff	bb	bb
Cc	Cc	bb	cc
CC	EE	BB	Ff

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

- a. Purple flowers are dominant to white flowers.

- PP _____
- Pp _____
- pp _____

- b. Brown eyes are dominant to blue eyes.

- BB _____
- Bb _____
- bb _____

- c. Round seeds are dominant to wrinkled seeds.

- RR _____
- Rr _____
- rr _____

- d. Reddish-brown hair are dominant.

- TT _____
- Tt _____
- tt _____

3. For each phenotype below, list the genotypes.

- a. Straight hair is dominant to curly.

- _____ straight
- _____ straight
- _____ curly

- b. Pointed teeth are dominant to round teeth.

- _____ pointed
- _____ pointed
- _____ round

Set up the Punnett squares for each of the crosses listed below.

Round seeds are dominant to wrinkled seeds.