

Dihybrid Quiz

Name _____

Use the key for the following crosses:

D = Dimples

d = no dimples

H = curly hair

h = straight hair

I. Cross a man with DdHh with a woman ddHh.

Genotypes	Phenotypes

_____ 1. What is the phenotype of the man?

_____ 2. What is the phenotype of the woman?

_____ 3. What fraction of the children will be curly haired and dimpled?

_____ 4. What fraction will be straight haired and dimpled?

_____ 5. What fraction will have straight hair and no dimples?

II. A dimpled woman with straight hair, whose mother had curly hair and no dimples, marries a man who does not have dimples but who does have curly hair. His mother, however, had straight hair.

_____ 6. What is the genotype of the woman?

_____ 7. What is the genotype of the man?

Genotypes	Phenotypes