

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

**Cornell Notes Ch 5: Heredity, Probability and Punnett Square**

<b>Concepts / Questions</b>	<b>Notes / Sketches</b>				
What are genes?	<b>Genes</b> describe the _____ that control a _____. A gene is part of the DNA. They describe the genetic traits of an individual.				
What are alleles?	<b>Alleles</b> are the different forms of a _____. Alleles appear in _____, such as ____, or ____, or ____.				
What is a genotype?	<b>Genotype:</b> an organism's genetic makeup, or a_____.				
What is a phenotype?	<b>Phenotype:</b> an organism's p_____ appearance, what it looks like. What genes are e_____.				
How do you make a Punnett square?	<table border="1" data-bbox="721 1087 1235 1352"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>				
Homozygous	<b>Homozygous:</b> an organism that has two i_____ alleles for a trait. <b>Examples:</b>				
Heterozygous	<b>Heterozygous:</b> an organism that has two d_____ alleles for a trait. <b>Examples:</b>				
What is probability?	<b>Probability:</b> a number that describes how likely it is that an event will occur.				
Summary:					