Name	Date						
Period	Honors Biology						
Punnett Square Web Lab							
http://www2.edc.org/weblabs/Punnett/punnettsquares.html							
Pre-Lab:							
Define: 1. genotype:							
2. phenotype:							
3. allele:							
4. Explain the purpose of a Punnett square.							
Web Lab:							
1. Why have the two alleles for the color gene been separated and each given a row or column?							
2. Differentiate between the terms homozyg	gous and heterozygous.						
3. Draw the Punnett square for $Bb \times Bb$.							

4. List the genotypes in fractions and percents that result from this cross.

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5. List the p	henotypes in fr	ractions and	percents th	at result fr	om this cross
E	D			·	
o. Draw The	Punnett square	e for the two	lemmings.		
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6. List the g	enotypes in fra				n this cross.
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			•		
7. List the pl	henotypes in fr	actions and p	percents the	at result fro	m this cross.
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8. Describe c	albinism. How i	s it inheritec	1?		
8. Describe c	ılbinism. How i	s it inheritec	! ?		
8. Describe o	ılbinism. How i	s it inheritec	 }	·	
				Canı	
	albinism. How i			ıre?	
9. How many 10. Which two		own in this P you pick to n	unnett squc	·	ducing an alb
9. How many 10. Which two lemming b 1. Draw the	carriers are sh o lemmings did	own in this P you pick to n %?	unnett squc nake your ci	nance of pro	* 44 <u>.</u>