Name:	Date:
Life Science	Period:
Genetics	
punnett square practice	
 Let's say that in seals, the gene for the let The dominant allele (W) codes long whisk for short whiskers. 	
a. What is the probability of producing of a cross of two long-whiskered seals, one that is <u>heterozygous</u> ? Show you	one that is homozygous dominant and
	% long whiskers
b. If one parent seal is a <u>heterozygous</u> <u>whiskered</u> , what is the probability the whiskers?	
	% long whiskers
In purple people eaters, one horn (H) is do Complete the punnett square to show the eaters. Summarize the genotypes and ph	cross of two hybrid purple people
	Possible genotypes of offspring:
	Possible phenotypes of offspring:

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 In cats, long hair (L) is dominant over short h to show a cross between <u>two short-haired</u> ca 	
	What is the probability that the parents will produce a short-haired kitten?
	%
4. In Noombats, yellow bellies (Y) are dominant	t over green bellies (y).
 a. Complete the punnett square to show a bellied noombat and a noombat that is probability that the parents will have ye 	a <u>hybrid</u> for belly color. What is the
	% yellow bellied
	% green bellied
 b. Is it possible for two yellow bellied noor Identify the genotypes of the parents a punnett square. 	V. 77
	a. Genotypes of the parents: and
	b. Can the yellow bellied parents produce a green bellied child?
	c. If yes, explain how and identify what the probability would be.

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