ne:		Date:	Period:
	Genetics Revie	ew Workshee	et
	From your Punnett Square above, cross the four possible recessiveness.	outcomes with another healthy c	arrier (Ff). Assume autosomal
F		F	F
f	f	f	f
	a. From all four Punnett Squares, circle all the homozys	gous recessive possibilities.	
	b. From all four Punnett Squares, shade in all the homo		
	PKU is an autosomal recessive genetically transmitted condition that can ultimately lead to brain damage. Persons who are heterozygous are healthy even though they carry the PKU allele. Persons who are homozygous recessive have the disease. Cross a heterozygous carrier with a person who has PKU. Show your results below.		
	disease. Cross a neterozygous carrier with a person who n	ias PKU. Show your results belo	w.
	What is the probability of getting a:		
	a. Homozygous dominant offspring?		
	b. Homozygous recessive offspring?  c. Carrier offspring?		
	d. Healthy offspring?		
	A research lab requires a supply of pure breeding freckled		
	frog with freckles but it's uncertain if it is homozygous do homozygous recessive smooth (non-freckled) frog (ff). H		
3	Option 1: FF x ff	Opt De Co	N N (IT).
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