e:					Period:
F		Genetics Re			
	veness.	uare above, cross the four po	ssible outcomes	with another healthy	carrier (FI). Assume autoso
					7
=		F	F		F
	20 00	f	f		f
a. Fr	om all four Pun	nett Squares, circle all the ho	mozygous recess	sive possibilities.	
		nett Squares, shade in all the		-	
) PKU is	an autosomal r	recessive genetically transmit	ted condition tha	it can ultimately lead	to brain damage. Persons w
		ealthy even though they carr			
disease	. Cross a hetero	ozygous carrier with a person	who has PKU. S	show your results bel	ow.
		$\neg$			
		bility of getting a:			
a.		dominant offspring?			
ь.		recessive offspring?			
c. d.	-	ring? oring?			
d.	Healthy offsp	ring?			
frog wi	th freckles but i	s a supply of pure breeding fr it's uncertain if it is homozyg	ous dominant (F	F) or heterozygous (l	Ff). The pet frog is crossed
homoz	ygous recessive	smooth (non-freckled) frog	(ff). Half of the c	offspring are freckled	frogs and half are smooth.
Option	1: FF x ff			Option 2: Ff x ff	
70. <u>00</u>	90.500			24	<u></u>
-		_		1	
	c1 =3				
the results	described in th	e problem, what is the genoty	ype of the lab ass	sistant's frog? Explain	n your reasoning