

Bikini Bottom	Genetics	is se a disku	atta opione.	Name _		
Scientists at B	ikini Bottoms	have been in tion provided	vestigating that	he genetic ma owledge of gene	keup of the	e organisms in this wer each question.
1. For each gen	otype below, ind	licate whether it	is a heterozyj	gous (He) OR he	omozygous (	Но).
TF	Bb	DD	_ Ff	tt	dd	
Dd	ff	Tt	bb	BB	FF	
	f the genotypes:					
	f the genotypes	•				
2. Determine the		a retained on the		SERVICE SELECT		
Em saspered	•	ody color is dom				
					уу _	
	Square sh	ane is dominant	t to round			
990	SS		Ss	Manged pull		
3. For each phen	•					
	d (T) is dominar	ara a la comunicación de la comu	i o ale escen	forest and built	5	
	30 0000000		Short = _			
	y color (P) is do					
Pink body	y =		Yellow b	ody =		
4. SpongeBob Sq his square shape, if SpongeBob and	Dut SpongeSusi	e is round. Cre	ate a Punnett	somere to show t	SpongeBol the possibilit	is heterozygous for ties that would result
	A. List the	e possible genot	ypes and pher	otypes for their	children.	
200 204	B What a	re the chances o	of a child with	a agrara abana	orto	for%
				a round shape?		
	•			a found snape?		Or76
<ol> <li>Patrick met Pat over a yellow bod had children. HIN</li> </ol>	ti at the dance. y color. Create a	Both of them a	re heterozygo	us for their pink	body color	, which is dominant t if Patrick and Patti
designation and the second	A. List the	possible genoty	ypes and phen	otypes for their	children.	
				*		
	B. What ar	e the chances of	f a child with	a pink body?	out of	or%
		7		a yellow body?		
		. Trimpe 2003				

his hometown of S married a nice girl show the possibiliti	idward's family has light blue skin, which is the dominant trait for body color in quid Valley. His family brags that they are a "purebred" line. He recently who has light green skin, which is a recessive trait. Create a Punnett square to less that would result if Squidward and his new bride had children. Use B to ant gene and b to represent the recessive gene.
Vocassing approximation of	A. List the possible genotypes and phenotypes for their children.
	B. What are the chances of a child with light blue skin?%
	C. What are the chances of a child with light green skin?%
	D. Would Squidward's children still be considered purebreds? Explain!
dollagroup !	unds bebigning melancial piles of green of the collection of the property of a singular of the collection.
	rede at the armound received walley the later the black
7. Assume that one was also heterozygo	of Squidward's sons, who is heterozygous for the light blue body color, married a girl that ous. Create a Punnett square to show the possibilities that would result if they had children.
	A. List the possible genotypes and phenotypes for their children.
	School of Makes of the Burght of all the Colorest Williams
	B. What are the chances of a child with light blue skin?%
:	C. What are the chances of a child with light green skin?%
	Pilot hody color (ii) is dominant to volton (c).
	wybod wello?
for them. Mrs. Kr eyeballs. She claim baby. Mr. Krabbs i tall eyeballs. Some	his wife recently had a Lil' Krabby, but it has not been a happy occasion abbs has been upset since she first saw her new baby who had short us that the hospital goofed and mixed up her baby with someone else's shomozygous for his tall eyeballs, while his wife is heterozygous for her members of her family have short eyes, which is the recessive trait. Create ng T for the dominant gene and t for the recessive one.
9.89	A. List the possible genotypes and phenotypes for their children.
	Consider hearth is given at the a Tory storm in out one restW D
	B. Did the hospital make a mistake? Explain your answer.
	oblika darinat da wasan kin tay manaji ali Asaq adabili 1.7
202	

Non-Porte, was a banding a different film.