Bikini Bottom Ge Scientists at Bikin community. Use t	ni Bottoms ha	ve been inve 1 provided ar	estigating the ad your know		ceup of the or	
1. For each genotype below, indicate whether it is a heterozygous (He) OR homozygous (Ho).						
TT	Bb ff	DD	Ff	= "##	44	
Which of the genotypes in #1 would be considered purebred?						
Which of the	e genotypes in #	1 would be hy	brids?			
2. Determine the ph	enotype for eacl	n genotype usi	ng the informa	tion provided	about SpongeBo	nh.
	Yellow body YY Square shape	color is domin	Yy			
3. For each phenotype, give the genotypes that are possible for Patrick.						
Tall =Pink body co	or (P) is dominant to	ant to yellow ((p).			28. 12
						44 E
4. SpongeBob Square his square shape, but if SpongeBob and Sp	Pants recently of SpongeSusie is congeSusie had con	met SpongeSu round. Create children. HIN	isie Roundpan e a Punnett squ T: Read ques	ts at a dance. hare to show the tion #2!	SpongeBob is h e possibilities tl	eterozygous for nat would result
10.20	A. List the po	ssible genotyp	es and phenot	ypes for their c	hildren.	*

5. Patrick met Patti at the dance. Both of them are heterozygous for their pink body color, which is dominant over a yellow body color. Create a Punnett square to show the possibilities that would result if Patrick and Patti had children. HINT: Read question #3!

B. What are the chances of a child with a square shape? ____ out of ____ or ____%

C. What are the chances of a child with a round shape? ____ out of ____ or ____%

	A. List the possible genotypes and phenotypes for their children.
2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	B. What are the chances of a child with a pink body? out of or%
THE RESERVE THE PERSON OF THE	C. What are the chances of a child with a yellow body? out of or%

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