

Spongebob #3

1) Give the characteristics based on the information provided in the chart.

Yy - ____ Yellow body color ____

SS - _____

Rr - _____

ss - _____

YY - _____

rr - _____

	Dominant Gene	Recessive Gene
Body Shape:	Squarepants (S)	Roundpants (s)
Body Color:	Yellow (Y)	Blue (y)
Eye Shape:	Round (R)	Oval (r)

2 Spongebob's cousin, SpongeJimBob, is a heterozygous yellow sponge. He recently married a blue sponge gal. Answer the questions using the above chart

SpongeeJimBob 's ALLELES would be ____ ____

Blue SpongeGal 's ALLELES would be ____ ____

Could they have a SpongeBaby that has BLUE body color?
(YES or NO) _____

Explain WHY or WHY NOT
