

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
