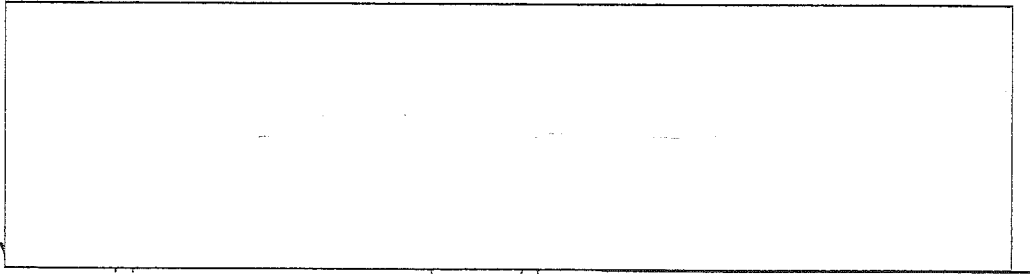


Heredity Web Quest

3. Diagram the cross between two heterozygous plants ($Yy \times Yy$)

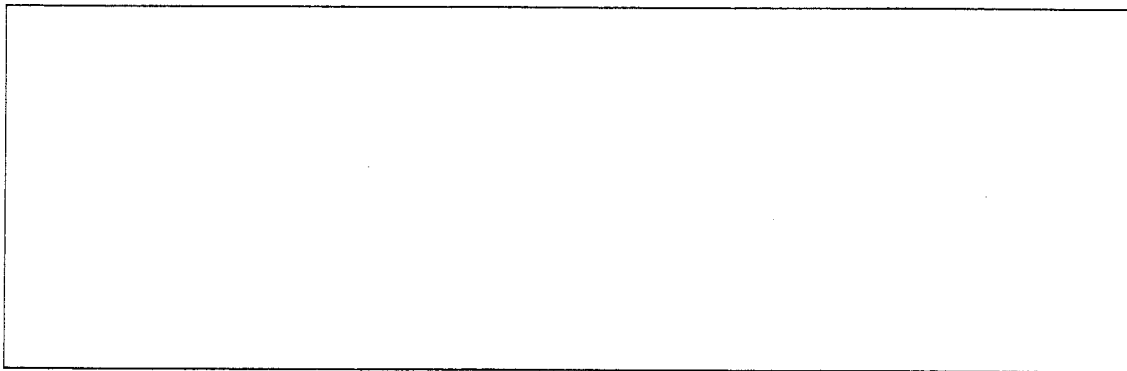


On the right menu bar click on number 5 "Gene inheritance follows rules". Then at the ^{top} bottom click on Animation.

Click through the animation.

1. Explain Mendel's law of segregation

2. Draw a Punnett square showing the heterozygous cross of two yellow seeds $Yy \times Yy$.



Which genotype gives the green phenotype? _____ Which genotype gives the yellow phenotype? _____

Give an example from above that explains the 3 to 1 ratio.
