

Your name: _____

	Chick	Male #1911	Male #1917	Male #1901	Female #1920	Female #1908	Female #1919
Genotype	/	/	/	/	/	/	/
Which alleles could have been given to this chick by each individual?							

Analysis Questions:

1) Who was the father of the chick? _____

2) Provide evidence to support your answer for question 1 including which allele that parent provided. _____

3) What was the mother of the chick? _____

4) Provide evidence to support your answer for question 3 including which allele that parent provided. _____

5) Why are STRs ideal for distinguishing one individual from another? _____

6) Since STRs identify an individual, what other questions could they answer? _____

7) Circle the individuals who had loci that were homozygous: #1911 #1917 #1901 #1920 #1908 #1919

8) Circle the individuals who had loci that were heterozygous: #1911 #1917 #1901 #1920 #1908 #1919