Name:	Period:	_ Date:	
Genetics with a Smile: Wrapping it up!			
Review: Provide an example for each of the following terms. A. Gene /Trait B. Allele C. Dominant D. Recessive E. Genotype F. Homozygous G. Heterozygous H. Phenotype	rms from the	activity.	
Analysis Questions: 1. Determine how many dominant traits your sr			
2. Who in your class has the most dominant tra3. Who in your class has the most recessive training			
4. Why did you only need to flip the male parer smiley face?	nt coin to dete	ermine the sex of your	
5. Your smiley face's parents were each heteror smiley faces change if one of the parents were have the other was homozygous recessive? (Hi combinations. Use the penny if you need to try	nomozygous ont: Think abo	dominant for all of the traits	
6. How would the smiley faces change if one of traits while the other was heterozygous?	f the parents	were recessive for all the	
7. What was the chance that you gave your smi 8. If you are homozygous dominant, what are the dominant allele?9. If you are homozygous dominant for a gene, genotype to figure out what trait your child will	he chances the do you need	at you give your smiley a to know your partner's	

Name:	Period:	Date:
10. Uncle Smiley, who is heterozygous for a ye face. Would uncle smiley or his wife be respondetermine the face color of their offspring? Exp	sible for givin	
11. Baby smiley has curly hair, but neither of h what must the genotypes of her parents be?	er parents do!	Is this possible? If so,
12. Grandma and Grandpa Smiley are heterozy their heterozygous children married a girl with shapes that their offspring will have? How do y	blast-type eyes	
13. Aunt Smiley has the cutest pointed ears and ears! What type of ears would her husband nee Give the genotype and phenotype as part of you	d to have in or	