

## Face / Head Variation Lab DATA SHEET

Parent's Names \_\_\_\_\_ and \_\_\_\_\_

Child's Name \_\_\_\_\_ sex \_\_\_\_\_

TRAIT	GENE(S) FROM MOTHER	GENE(S) FROM FATHER	BABY'S GENOTYPE	BABY'S PHENOTYPE
FACE SHAPE				
CHIN SHAPE I				
CLEFT CHIN				
SKIN COLOR				
HAIR COLOR				
HAIR TYPE				
WIDOW'S PEAK				
EYEBROW COLOR				
EYEBROWS I				
EYEBROWS II				
SPACING OF EYES				
SIZE OF EYES				
SHAPE OF EYES				
EYE COLOR				
EYELASHES				
MOUTH SIZE				
LIPS				
DIMPLES				
SIZE OF NOSE				
NOSTIL SHAPE				
EARLOBE ATTACHMENT				
FRECKLES				

### analysis questions

- 1) What are the odds that your child will be a boy?
- 2) Which parent determines the sex of the child?
- 3) Which traits are codominant or incompletely dominant? (These traits don't have a clear dominant or recessive, the heterozygous condition shows a "blending" or a "middle" condition). List at least three.
- 4) Why did you have to flip the coin multiple times to determine hair and eye color?
- 5) What are the possible genotypes of the parents of a child who has wavy hair (Hh)?
- 6) There have been cases in history where a king has divorced his queen because she produced only daughters. What should the queen say in her defense?