**GENIVERSE - SETTLE THE ARGUMENT!**

Log in with your 4J Google account to https://learn.concord.org/

**Directions: For each sentence frame start by telling me if the mother and father are heterozygous (Aa), homozygous dominant (AA), or homozygous recessive (aa).**

example: heterozygous = Wings/no wings homozygous dominant = Wings/Wings

 homozygous recessive = no wings/no wings

**CLAIM 1: Baby Drakes inherit more genes from their fathers than their mothers.**

Do you agree with this claim? \_\_\_\_\_\_\_\_\_\_\_ Describe the evidence to support or disprove the claim.

*When the mother’s genes are* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *and the father’s genes are*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, *theses are the results I obtained.* *(Describe your results below.)*

*This shows that baby drakes* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**CLAIM 2: Baby Drakes get half their genes from their father and half their genes from their mother**.

Do you agree with this claim? \_\_\_\_\_\_\_\_\_\_\_ Describe the evidence to support or disprove the claim.

*When the mother’s genes are* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *and the father’s genes are*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, *theses are the results I obtained.* *(Describe your results below.)*

*This shows that baby drakes* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**CLAIM 3: Male drake genes are stronger than female drake genes.**

Do you agree with this claim? \_\_\_\_\_\_\_\_\_\_\_ Describe the evidence to support or disprove the claim.

*When the mother’s genes are* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *and the father’s genes are*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, *theses are the results I obtained.* *(Describe your results below.)*

*This shows that male drake genes* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**CLAIM 4: Female drakes inherit their genes from the mother, males from the father.**

Do you agree with this claim? \_\_\_\_\_\_\_\_\_\_\_

*When the mother’s genes are* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *and the father’s genes are*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, *theses are the results I obtained.* *(Describe your results below.)*

*This shows that \_\_\_\_\_\_\_\_\_\_\_\_\_\_* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**NOW FINISH THE GENIVERSE ACTIVITY.**