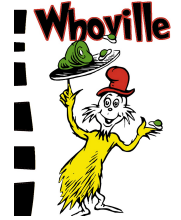


Name: _____ Date: _____ Period: _____

Practice: Codominance and Incomplete Dominance

1. Practice setting up keys for the phenotypes listed in each set. Remember that the "medium" trait must always be heterozygous. **List the genotypes and phenotypes.**

- a) Birds can be blue, white, or white with blue-tipped feathers.
- b) Flowers can be white, red or pink.
- c) A Who can have curly hair, spiked hair, or a mix of both curly and spiked.
- d) A Sneetch can be tall, short or medium.
- e) A Bleexo can be black, white or spotted.



2. Now, can you figure out in the above list, which of the letters represent codominant traits and which are incomplete dominance. *(Hint: if both traits are expressed it is codominant, if it blends it is incompletely dominance.)* **List the letters from problem 1 above, a-e**

Codominant _____ Incompletely Dominant _____

3. In Smileys, eye shape can be starred, circular, or a circle with a star.



List the genotypes: _____

4. Show the cross between a star-eyed and a circle eyed.

What are the genotypes? _____

What are the phenotypes of the offspring? _____

5. Show the cross between a circle-star eyed, and a circle eyed.

How many of the offspring are circle-eyed? _____ of 4 = _____%

How many offspring are circle-star eyed? _____ of 4 = _____%

6. Show the cross between two circle-star eyed.

How many offspring are circle-eyed? _____ of 4 = _____%

How many offspring are circle-star eyed? _____ of 4 = _____%

How many are star eyed? _____ of 4 = _____%

7. Are problems 3-6 examples of codominance or incomplete dominance. Explain how you know this.