**Name: Period: Date:**

**Focus Questions for Chapter 15.3 (Linked genes) due Tuesday, 1/28**

# Questions to answer as you read about linked genes. You will not be asked to turn these in, but Ms. Ransom may check to make sure you have completed them through a clicker quiz or short written response. You should be ready to discuss the answers during class.

1. What are **linked genes**? How are they different from *sex-linked genes*?
2. How was Morgan able to determine that body color and wing size are linked in *Drosophila melanogaster* (fruit fly)?
3. What is the difference between **parental types** and **recombinant types**?
4. What process allows for the recombination of linked genes?

1. Why is recombination and random fertilization important in the evolution of organisms?

1. What is a **linkage map**?
2. How is the **map unit** defined?
3. How is it possible for genes on the same chromosome to behave as if they are genetically unlinked?

**Questions I have that I plan to ask about in class:**