**5. In corn, the following recessive genes have been identified on chromosome 3:**

 **yg = yellow‑green seedlings**

 **wx = waxy endosperm**

 **bz = bronze color**

**From a three‑point testcross between plants heterozygous for all three genes and plants homozygous recessive for all three genes, the following data were obtained:**

 **yellow‑green 6**

 **yellow‑green, waxy 720**

 **wild type 56**

 **bronze, waxy 13**

 **bronze 681**

 **yellow‑green, bronze 25**

 **waxy 31**

 **yellow‑green, bronze, waxy 42**

 **a. Which gene is in the middle?**

 **b. What is the distance between genes yg and wx?**

 **c. What is the distance between genes wx and bz?**

 **d. What is the distance between genes yg and bz?**