**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?**