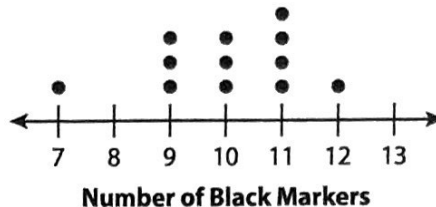






- 3 A bag contains 60 markers. The markers are either red or black. Each student in Mr. Jones's class selects a random sample of 15 markers from the bag, counts the number of black markers, and returns the sample to the bag. What is a reasonable estimate for the number of black markers in the bag? Show your work.

**SOLUTION** _____

- 4 Desiree, Marina, and Raúl each survey a random sample of 60 students in their school about whether they prefer to listen to music while completing homework. They use the results to infer about what percent of students in the school prefer to listen to music while completing homework. Based on the results of the three surveys, what range of inferences is reasonable? Write your answers in the blanks.

Student Who Gave Survey	Students Who Prefer to Listen to Music While Completing Homework
Desiree	48
Marina	39
Raúl	42

From _____% to _____% of students in the school prefer to listen to music while completing homework.