

Name _____

Investigation 9: Survey Says?

Exit Ticket

1. Based on the estimate of the relative frequencies from the surveys and the summary of the high-school enrollment of 775 females and 361 ninth graders, determine an estimate for each of the following two questions. For each question, indicate how you determined your estimate.
 - a. How many females do you think are involved in an athletic program at King?
 - b. How many 9th graders do you think are involved in at least 1 hour of outdoor activities per week?
2. Consider the following data collection option:

Students in the mathematics class involved with the project would number each table in the cafeteria. They would select 10 random tables at each lunch period and ask everyone sitting at the selected table to answer the survey.

Do you think this option will provide an accurate summary of the responses from students in the school? If this option is used, are there any groups of students who may not be represented? Explain your answer.