

Name _____

Investigation 11: Independent or Not Independent Events?

Exit Ticket

The students selected in the original sample collected by the computer science class also answered the question of whether or not a student participates in the school's extracurricular activities. Based on this sample, do you think that the events of participation in a school's extracurricular activities and grade level are likely to be independent events in the population? Explain your answer.

	Participates in the school's extracurricular activities	Does not participate in the school's extracurricular activities	Total
1 st or 2 nd year student	34	6	40
3 rd or 4 th year student	6	54	60
Totals	40	60	100