

Name _____

Investigation 10: Is There an Association?

Exit Ticket

Complete the following two-way frequency table for the variables of playing in the orchestra (Yes or No) and playing in the marching band (Yes or No) in which a sample of 50 students indicates there is a possible association between the two variables.

	Play in the orchestra	Do not play in the orchestra	Total
Play in the marching band			20
Do not play in the marching band			30
Total	15	35	50

Why does your table indicate a possible association between the two questions involving participation in the orchestra and participation in the marching band?