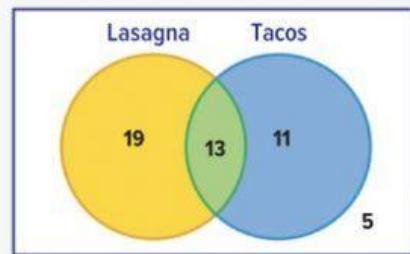


Power Up! Test Practice

14. The Pep Club was asked to vote for which dinner they would like for the banquet. Complete the two-way table based on the information shown in the Venn diagram.

	Lasagna	No Lasagna	Total
Tacos			
No Tacos			
Total			



What is the relative frequency of students who chose tacos and lasagna to the total number of students? Round to the nearest hundredth.

15. Amna surveyed the eighth grade students to find which school activities they attended last weekend. The results are shown in the two-way table. Which of the following are valid conclusions about the data? Select all that apply.

- Of the students who attended the basketball game, fewer than half of them also attended the school play.
- More than half of the students who were surveyed attended the school play and did not attend the basketball game.
- Students who attended the school play were more likely not to attend the basketball game.

	Attended the School Play	Did Not Attend the School Play	Total
Attended the Basketball Game	55	63	118
Did Not Attend the Basketball Game	88	15	103
Total	143	78	221