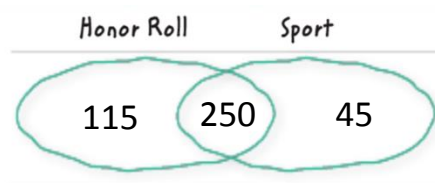


## Two-Way Tables

A two-way table shows data from one sample group as it relates to two different categories. One category is represented by rows and the other category is represented by columns.

Student Athlete Survey	
Only on the honor roll	115
Only play a sport	45
Play a sport and are on the honor roll	250



	Play a Sport	Do Not Play a Sport	Total
On the Honor Roll	250	115	365
Not on the Honor Roll	45	30	75
Total	$250+45 = 295$	$115+30 = 145$	440

### Ex. 1

There are 150 children at summer camp and 71 signed up for swimming. There were a total of 62 children that signed up for canoeing and 28 of them also signed up for swimming. Construct a two-way table summarizing the data.

	Canoeing	No Canoeing	Total
Swimming	28	43	71
No Swimming	34	45	79
Total	62	88	150

