

All 8th grade students at a school answered the two survey questions shown.

Are you male or female?

Do you prefer to watch basketball or football?

The same students responded to both questions. Complete the two-way frequency table to show the correct totals for the given data.

You must complete all four cells of the table for a full-credit response.

	Prefers to watch		Total
	Basketball	Football	
Male	80		105
Female	45	20	
Total			

Following a survey of 250 people about smoking and lung disease

These are the results. Fill in the survey

	Lung disease		Total
	Lung disease	No lung disease	
Smoking		60	150
No smoking		40	
Total	150		

The following survey was taken on who owns an Xbox and a Playstation. Complete the table.

	playstation		xbox	
totals	yes	no	yes	no
324	176		180	320

Of the 180 students that play Xbox, 36 also own a Playstation.

	Owns		
	Playstation Yes	Playstation No	Total
xbox yes			
xbox No			
Total			

The following survey was taken on who passing math and science class. Complete the table.

totals	Science		Math	
	yes	no	yes	no
	55	45	59	41

Of the 41 students that are failing math, 7 are also failing science.

	Passing science	Failing science	Total
Passing math			
Failing math			
Total			

Fill out the table on adults and children and their preferred choice of art.

	Child	Adult	Total
Drawing	22	8	
Painting			25
Graphics	9	36	
Total		51	