

1. Here's a table that classifies movies released in 2005 by genre and MPAA rating:

	G	PG	PG-13	R	Total
Action/Adventure	66.7	25	30.4	23.7	29.2
Comedy	33.3	60.0	35.7	10.5	31.7
Drama	0	15.0	14.3	44.7	23.3
Thriller/Horror	0	0	19.6	21.1	15.8
Total	100%	100%	100%	100%	100%

- a) The table gives column percents. How could you tell that from the table itself?
- b) What percentage of these movies were comedies?
- c) What percentage of the PG-rated movies were comedies?
- d) What percentage of all 2005 movies were PG-rated comedies?

2. Prior to graduation, a high school class was surveyed about its plans. The table displays the results for white and minority students.

	White	Minority
4-year college	198	44
2-year college	36	6
Military	4	1
Employment	14	3
Other	16	3

- a) What percent of the seniors are white?
- b) What percent of the seniors are planning to attend a 2-year college?
- c) What percent of the seniors are white and planning to attend a 2-year college?
- d) What percent of the white seniors are planning to attend a 2-year college?
- e) What percent of the seniors planning to attend 2-year college are white?

**On the BACK, make the contingency table FOR YOUR CLASS...for the super bowl data!!**