Name: \_\_\_\_\_\_\_\_\_\_\_\_

Open file: **gss2008.sav**

### RECODE Exercise

1. There are two variables that refer to the highest year of school completed by the respondent's mother and father (MAEDUC and PAEDUC). Do a frequency distribution for each of these variables. Now recode each of them (into a different variable, MAEDUC1 and PAEDUC1) into three categories: under 12 years of school, 12 years, and over 12 years. Create new value labels for the recoded categories that would be respectively: *not graduated from high school*, *graduated from high school*, and *at least some college*. Do a frequency distribution again to make sure that you recoded correctly. Paste the log and frequency table: |

### COMPUTE Exercise

1. In this chapter we created a new variable called ABORTION which was the sum of the seven abortion variables in the data set. Create a new variable called AB1, which is the sum of ABDEFECT, ABHLTH, and ABRAPE. Do a frequency distribution for this new variable to see what it looks like. How is this distribution different from the distribution for the ABORTION variable based on all seven variables? Paste the log and frequency table here:

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### Do only one of the following two exercises:

### IF Exercise

1. There are two variables that describe the highest educational degree of the respondent's father and mother (PADEG and MADEG). Create a new variable (call it MAPAEDUC) that indicates if the father and mother have a college education. This variable should equal:
* 1 - if both parents have a college education,
* 2 - if only the father has a college education,
* 3 - if only the mother has a college education, and
* 4 - if neither parent has a college education.

Create new value labels for the recoded categories. Paste the log in the space below. Do a frequency distribution for this new variable to see what it looks like and paste it here:

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### SELECT IF Exercise

1. Select all males (1 on the variable SEX) and do a frequency distribution for the variable FEAR (afraid to walk alone at night in the neighborhood). Then select all females (2 on the variable SEX) and do a frequency distribution on FEAR. Are males or females more fearful of walking alone at night? Paste the log and table of frequencies here:

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