1. Assign symbols to variables, then write a general linear model to analyze the following data (Daniel 1995 Ex 8.17 p337)

17. The following table shows the emotional maturity scores of 18 young adult males cross-classified by age and the extent to which the use marijuana.

Age (Factor A)	Marijuana Use (Factor B)		
	Never	Occasional	Daily
15-19	25	18	17
	28	23	24
	22	19	19
20-24	28	16	18
	32	24	22
	30	20	20

Name	Symbol
_____	_____
_____	_____
_____	_____

GLM _____ = _____

2. Complete the ANOVA table for the data in the example above.

Source	DF	SS	MS	F	P
FactorA	____	_____	34.722	2.16	0.167
FactorB	____	286.11	143.056	____	0.004
A*B	____	19.44	_____	0.61	0.562
Error	____	192.67	16.056		
Total	17	532.94	31.350		

3. Write an H_A / H_o pair for Factor B.