6. Manual Computation and Interpretation (ANOVA):

An experiment is run to study the effect of a factor. Three levels of the factor and 17 subjects are

used in the study. Complete the following ANOVA table [note: you do NOT need to specify the

relevant hypotheses for this problem]: [Hint: you only have to fill in the empty cells don’t forget the underlying hypotheses this time, though].

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Source** | **SS** | **Df** | **MS** | **F** |
| **Treatment** | **30** |  |  |  |
| **Error** | **68** |  |  |  |
| **Total** |  |  |  |  |