The data below are from an independent-measures experiment comparing three different treatment conditions.

|  |  |  |  |
| --- | --- | --- | --- |
| Treat. 1 | Treat 2 | Treat 3 |  |
| 0 | 1 | 4 |  |
| 0 | 4 | 3 | G=24 |
| 0 | 1 | 6 |  |
| 2 | 1 | 3 |  |
| T=2 | T=6 | T=16 |  |
| SS=3 | SS=9 | SS=6 |  |

Use an analysis of variance with α of .05 to determine whether these data indicate any significant differences among the treatments.

Answer:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | SS | df | MS | F |
| Between |  |  |  |  |
| Within |  |  |  |  |
| Total |  |  |  |  |