In a hypothetical seismically active region, earthquakes have been recorded over an 80-year period. Part of the record is instrumental, but part is not. Combining all available data, it appears that earthquakes have been distributed as follows:

|  |  |
| --- | --- |
| Moment Magnitude | Number of Earthquakes |
| 3-4 | 1800 |
| 4-5 | 150 |
| 5-6 | 11 |
| >6 | 1 |

1. Estimate the Gutenberg-Richter parameter for the region.