Homework Set 2(d)

1. Given an earthquake magnitude 6.0, determine the frequency of occurrence and return period of the earthquake using the Gutenberg-Richter Recurrence relationship as given by:
   * 1. Figure 4.10b of text
     2. The relationships given page 23 of “C2” notes.
     3. Johnston and Nava (1985) on page 24 of “C2” notes
     4. Toro et al. (1992) on page 25 of “C2” notes.