1. Arrange the preceding group of ballots in a preference schedule and use the data to assess the winner of the election using the:

   a. Plurality Method

   b. Borda Count Method

2. Using the results obtained in problems 1a and 1b, clearly and thoroughly explain why the Borda Count Method may be a more accurate reflection of voter preference than the Plurality method.
3. During a divorce, an estranged couple wants to find a way to fairly share a parcel of land. What would be an appropriate fair division method for them to use? Clearly and thoroughly explain how this method produces mutually satisfactory and “fair” results?

4. Several methods for apportionment are presented in Chapter 4, and a History of Apportionment in the United States is presented in the text. Clearly and thoroughly explain why one method for apportionment wasn’t enough.

5. Each chapter in the Math for Liberal Arts I course covers a distinct topic. Choose a topic and clearly and thoroughly explain when and how you might apply the skills you have learned in this course.