*1. Determine all of the winning coalitions for the weighted voting system [30: 20, 7, 6, 5, 1].

*2. For each part below, the winning coalitions (of unnamed voting systems) are given. Determine whether each voter is a dictator, a dummy voter, has veto power, or none of these.
   
   a. AB, ACD, ABC, ABD, ABCD
   b. A, AB, AC, ABC
   c. AB, ABC, ABD, ABCD

*3. Consider the voting systems below. Determine whether each voter is a dictator, a dummy voter, has veto power, or none of these.

   a. [15: 16, 3, 2]
   b. [13: 9, 4, 3, 1]
   c. [14: 9, 5, 3, 1]

*4. A weighted voting system with 4 voters has the following winning coalitions: AB, ABC, ABD, ABCD, ACD. If the quota is 11, determine weights for the 4 voters. (There is more than 1 possible answer!)