

Show all work clearly and in order, and circle your final answers. Justify your answers.

PROBLEM ONE Find the Banzhaf Power Distribution of the following weighted voting system:

$$[14; 8, 6, 4, 3]$$

PROBLEM Give an example of a weighted voting system $[q; w_1, w_2, \dots, w_n]$ in which there are at least 4 players total, exactly two players with veto power, and no dictators. (All you need to do is determine q and the weights w_1, \dots, w_n .)