Three Letter Addends

Materials: Scrabble tiles

1. How many three letter words can you make using the letter tiles?

2. Find the sum of each word by adding the numbers on each tile.

   Example:  
   \[
   \begin{array}{ccc}
   D & O & G \\
   2 & 1 & 2 \\
   \end{array}
   \]
   \[2 + 1 + 2 = 5\]

3. Which three letter word has the greatest sum?

4. Which three letter word has the smallest sum?