

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

PROBLEM ONE Consider the following data set:

$$\{1, 3, 4, 2, 5, 7, 6, 8, 12, 14, 17, 4, 5\}$$

Find the mean and median of the data set.

PROBLEM TWO Find the first and third quartiles of the data set from (1).