For each data set below, calculate

a) $\sum x$

b) $\sum x^2$

c) $(\sum x)^2$

d) The mean, $\bar{x}$

e) The median

f) The mode

Do each problem without using your calculator’s stats commands, and show your work. Then check your work using the stats commands.

1) 3, 5, 4, 2, 1, 4

2) 7, 6, 2, 2, 3

3) 1, -2, 8, 9, 1, 9, 9

4) 4, -5, 7, -3, 6

5) 1, 2, 3, 4