

## CHAPTER 20 - FINDING THE MEASURES OF SPREAD

### TI-84 Plus

To find the measures of spread of 2, 3, 3, 3, 4, 4, 4, 5, 5, 5, 5, 6, 6, 6, 6, 6, 7, 7, 8, 8, 8, 9, 9:

Enter the data into **List 1**. Press **STAT** **►** **1:1-Var Stats** **2nd** **1 (L1)** **ENTER** .

1-Var Stats L1

The median = 6, the upper quartile is  $Q_3 = 7$ , and the lower quartile is  $Q_1 = 4$ .

The range =  $\max - \min = 9 - 2 = 7$ , and the IQR =  $Q_3 - Q_1 = 7 - 4 = 3$ .

1-Var Stats  
n=23  
minX=2  
Q1=4  
Med=6  
Q3=7  
maxX=9