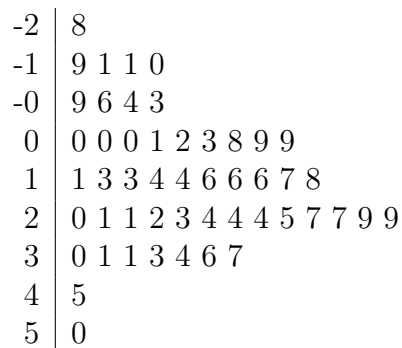


NAME: \_\_\_\_\_

### STAT 226, Section D—Quiz 3 (4 pts.)

Stocks are risky. The stemplot below is showing the annual percent returns on some American common stocks from 1906 to 1956.



(stems are tens of percents)

- (i) Give the five number summary for this data set.
- (ii) Assume that during the 1957-2007 interval the annual percentages would follow exactly the same pattern as the one above, except they will all increase by 0.45 percent. What would the IQR of the annual percent returns on these stocks be for the interval between 1957 and 2007?