## Reading and Interpreting Stem-and-Leaf Plots

1) Students of Lehigh Valley School were training for a swimming championship. The stem-and-leaf plot shows how many seconds the students swam 100m freestyle in. Read and interpret the plot to answer the questions.

| Stem | Leaf |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50 | 1 | 3 | 5 | 5 | 7 | 8 |
| 51 | 2 | 4 | 6 | 8 | 8 | 9 |
| 57 | 0 | 1 | 2 | 1 | 5 | 7 |

Key: $50 \mid 3=\mathbf{5 0 . 3}$ seconds
a) 1
b)

Previcw
c)

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| 9 | 2 | 4 | 6 | 8 |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 10 | 2 | 4 | 4 | 4 | 5 | 6 |

a) How many cats got to Dr. Charleston in all?
b) Find the number of cats that weighed over 10 pounds.
c) How many cats weighed less than 9.5 pounds?

