

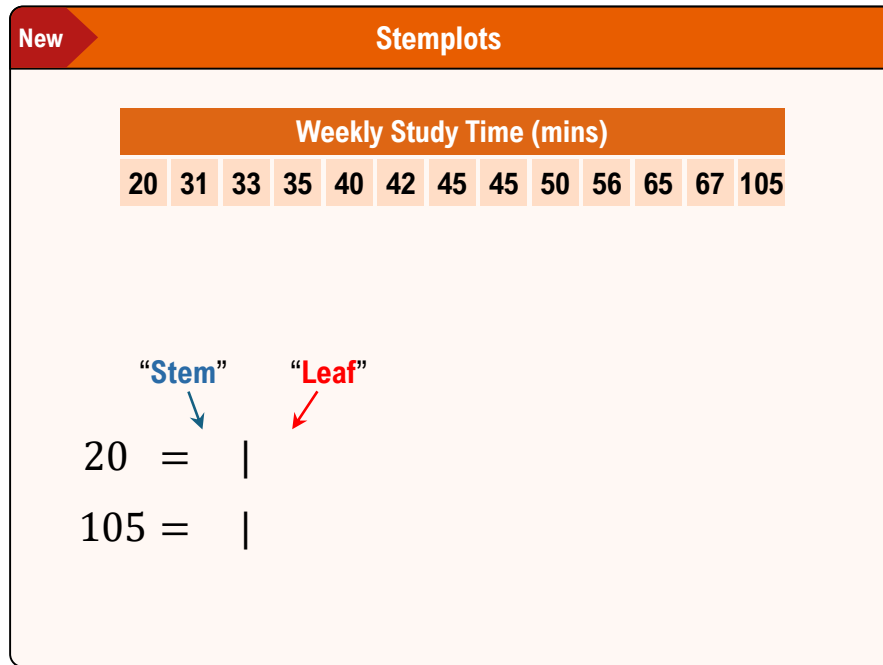
## TOPIC: STEMPLOTS (STEM AND LEAF PLOTS)

### Intro to Stemplots ("Stem-and-Leaf")

◆ **Stemplots** display quantitative data by showing BOTH \_\_\_\_\_ and specific \_\_\_\_\_ in the dataset.

#### EXAMPLE

The data below lists the amount of weekly time (in minutes) students report studying for their exam. Construct a stemplot.



#### HOW TO: Create Stemplots

- 1) Write the data in increasing order
  - 2) Draw a vertical line
- For each value:*
- 3) Underline all but rightmost digit (**leaf**) and list **stems** in left column
  - 4) Put **leaf** in right column next to **stem**

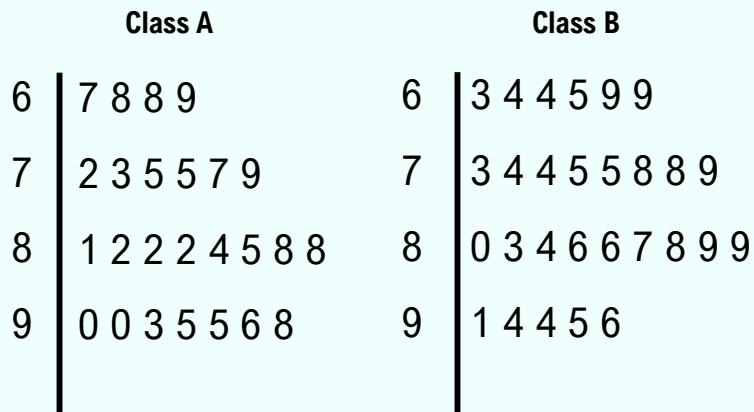
#### PRACTICE

A stemplot contains the row 2|0024555789. List the data points displayed in this row.

## TOPIC: STEMPLOTS (STEM AND LEAF PLOTS)

### EXAMPLE

The test scores of two classes are shown in the stemplots below. Use the data to answer the questions.



(A) What are the highest and lowest scores in each class?

(B) If students scoring between a 70-79 get a C, which class has more students with a C?

(C) Compare the distributions of test scores between classes. What do you notice?