

# 10.1 (pg.436) Stem and Leaf Plot



VS.



## What is the Difference?

Used to organize data when you want to see each item in the data.



Each data value is broken into a **STEM**.  
(the digit or digits on the left side)



Each data value is broken into a **LEAF**.  
(digit or digits on the right side)



Be sure to use a **KEY** to explain what the stems and leaves represent.

| Stem | Leaf        |
|------|-------------|
| 2    | 0 0 1 2 5 7 |
| 3    | 1 4 8       |
| 4    | 2           |
| 5    | 8 9         |

|    |    |    |    |
|----|----|----|----|
| 20 | 20 | 21 | 22 |
| 25 | 27 | 31 | 34 |
| 38 | 42 | 58 | 59 |

Key:  $3 \mid 1 = 31$

### Keys to Stem and Leaf:

- group data by tens digits
- order numbers from least to greatest
  - use the tens as the stems
  - use the ones as the leaves
- write leaves in increasing order