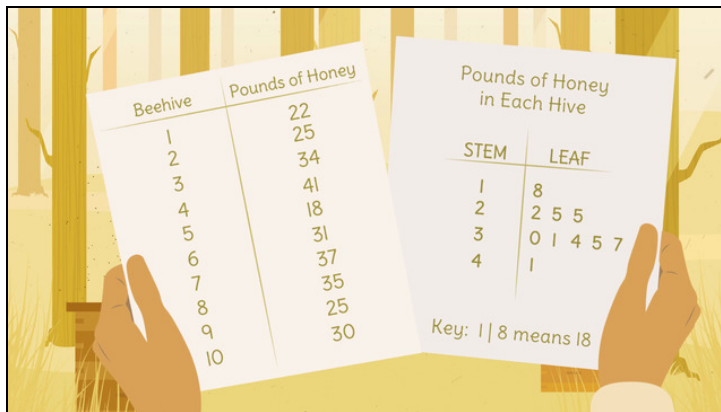




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# Stem and Leaf Plots



- 1 Name the advantage of stem and leaf plots.
- 2 Explain how to create a stem and leaf plot.
- 3 Create a stem and leaf plot.
- 4 Find the right key.
- 5 Combine the data sets with the right stem and leaf plots.
- 6 Create a data set.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.



The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



## Name the advantage of stem and leaf plots.

Choose the correct statements.

Stem and leaf plots have an advantage, because they ...

- ... are quick to made. **A**
- ... look nice. **B**
- ... display each data point. **C**
- ... improve our understanding of numbers. **D**
- ... are easier to interpret. **E**



## Hints for solving these problems

1  
of 6

### Name the advantage of stem and leaf plots.

#### Hint #1

{21.3, 21.4, 22.3, 22.2, 23.0, 24.5, 21.7, 21.3}

| STEM | LEAF    |
|------|---------|
| 21   | 3 3 4 7 |
| 22   | 2 3     |
| 23   | 0       |
| 24   | 5       |

Try to create this stem and leaf plot on your own.

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#### Hint #2

{21.3, 21.4, 22.3, 22.2, 23.0, 24.5, 21.7, 21.3}

| STEM | LEAF    |
|------|---------|
| 21   | 3 3 4 7 |
| 22   | 2 3     |
| 23   | 0       |
| 24   | 5       |

You can check immediately, for example, that four elements belong to the first stem 21 .



## Answers and detailed answer explanations for these problems

1  
of 6

### Name the advantage of stem and leaf plots.

**Answer key:** A, C, E

Why should we create a stem and leaf plot?

The advantages are the following:

- This kind of plot is quick to made.
- Whole numbers appear in this plot.
- They are easier to interpret.