



1.1 Normal Distributions

Essential Question(s):

How do you create a relative frequency histogram?

How can you use it to classify the distribution as normal or non-normal?

Questions:

Write 3-5 study questions in this left column based on the notes and what you've worked on in Mathia and the Carnegie Textbook.

Hint: You can use some of the questions I want you to answer as study questions in this column.

Reminder:

LEFT SIDE OF NOTEBOOK:

- Scratch paper
- Your own notes
- Tips/Hints
- Tables
- Graphs
- Thinking Maps, etc.

RIGHT SIDE OF NOTEBOOK:

Cornell Notes Only!

Notes:

Put answers to the following questions to understand important ideas from the Textbook. These represent main ideas.

- 1) What is the difference between discrete and continuous data?
- 2) What is the difference between sample and population?
- 3) What is a normal curve?
- 4) What do normal vs. non-normal distributions look like?
- 5) What are the symbols for mean and standard deviation?
- 6) How can you tell the difference between sample and population data?

Summary:

Write 3-5 quality sentences to answer the essential question.
Use proper writing techniques.