

Topic:



1.2 Empirical Rule

Essential Question(s):

What is the Empirical Rule for normal distributions?

How do you use it to identify the percentage of data in a given interval?

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 do the positive and negative standard deviations represent in relation to the mean?
- 2) What does the Empirical Rule state about the percentages of data in relation to the standard deviations?
- 3) How can you use the Empirical rule to find percentages? (explain or put an example)

Add any pictures, examples, or other helpful information as needed.

Summary:

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