Topic:

1.3 Z-Scores & Percentiles

Essential Question(s):
How can you use Z-Scores to find percentiles in a Normal Distribution?

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) If the data value does not align with the main integer standard deviations, how can you find the value? (hint: z-score)

2) What does a positive z-score tell you about the data value in relation to the mean?

3) What does a negative z-score tell you about the data value in relation to the mean?

4) How can you use a z-score and table to find the percentile of a shaded area not found with the Empirical Rule?

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.