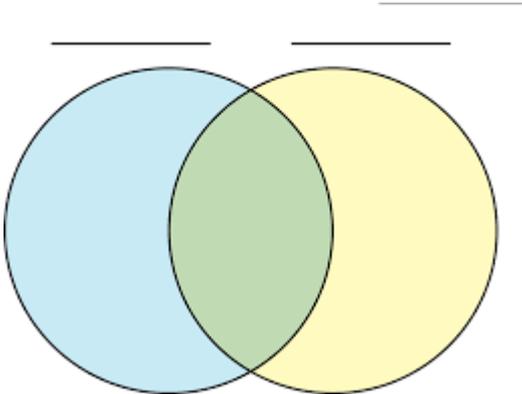# Math Cheat Sheet

Blog
shayna
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Math Cheat Sheet for **Long Division**

Are you a bit nervous that you'll get lost in the math of _Long Division_? Well don't worry! We have your cheat sheet here.
But the most important thing is to focus on what the characters is talking about! It's not about a formula or the math itself, but really about the metaphors and connections.

Cardinal, Ordinal and Nominal Numbers
Cardinal numbers – known as the counting numbers, indicate quantity.
Ordinal numbers – indicate the order or rank of things in a set.
Nominal numbers – name or identify something and do not show quantity or rank.

Venn Diagrams
Venn diagrams were invented as a way of picturing relationships between different groups of things. Venn diagrams can be used to illustrate both set relationships and logical relationships. The diagram features these sets as circles with common elements being represented by the areas of overlap among the circles.

Risk Management
Risk management relates to finance and economics, and is the practice of using financial instruments to manage exposure to risk. Math and statistics are used to determine risk.

Parallel Postulate
Euclid developed the parallel postulate which looks at lines and their intersection. Euclid says that through any given point not on a line, there passes exactly one line parallel to that line in the same plane.

Infinity
Infinity means greater than any number or without any bounds. It is a number that is without any bound or is larger than any number.

Fibonacci Numbers
A Fibonacci sequence is a series of numbers in which each number is the sum of the two preceding numbers.

Schrödinger's Cat
A theory where a cat is imagined to be enclosed in a box with a radioactive source and poison that will be released when the source unpredictably emits radiation. The cat is considered to be simultaneously alive and dead until the box is opened and the cat is observed.

Möbius Strip
A Möbius strip is a surface with only one side and one boundary. This can be achieved by connecting a strip of paper together at the ends, with a twist to one side. The strip has the mathematical property of being non-orientable. Here's a video that shows what the strip looks like.

Want to learn more about these concepts and theories? Come see _Long Division_ opening on April 26th at the Annex Theatre!

Get your tickets **HERE** now!