

PREZI PRESENTATIONS FOR TOPICS IN MATH

By Steve Grosteffon

1 CRITICAL THINKING SKILLS

1.1 [Inductive and Deductive Reasoning](#)

2 SETS

2.1 [Set Concepts](#)

2.2 [Subsets](#)

2.3 [Venn Diagrams and Set Operations](#)

2.4 [Venn Diagrams with Three Sets and Verification of Equality of Sets](#)

2.5 [Applications of Sets](#)

3 LOGIC

3.1 [Statements and Logical Connectives](#)

3.2 [Truth Tables for Negation, Conjunction, and Disjunction](#)

3.3 [Truth Tables for the Conditional and Biconditional](#)

3.4 [Equivalent Statements](#)

3.5 [Symbolic Arguments](#)

3.6 [Euler Diagrams and Syllogistic Arguments](#)

8 GEOMETRY

8.1 [Points, Lines, Planes, and Angles](#)

8.2 [Polygons](#)

8.3 [Perimeter and Area](#)

8.4 [Volume and Surface Area](#)

11 PROBABILITY

11.1 [Empirical](#) and [Theoretical](#) Probabilities

11.2 [Odds](#) (Optional)

11.4 [Tree Diagrams](#)

11.5 [OR and AND Problems](#)

11.7 [The Counting Principle and Permutations](#)

11.8 [Combinations](#)

11.9 [Solving Probability Problems by Using Combinations](#)

11.10 [Binomial Probability Formula](#) (Optional)

12 STATISTICS

12.2 [Frequency Distributions and Statistical Graphs](#)

12.3 [Measures of Central Tendency](#)

12.4 [Measures of Dispersion](#)

12.5 [The Normal Curve](#)