Mastering Math with Tropical Card Magic

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Here is the translation to English:

New Tropical Card Math. Class 2. Part 2

Introduction

- **What are math cards?**
- **Applications of math cards in education**
- **Basic features of math cards**

Part 1: Basic Arithmetic

- **Chapter 1: Counting and Basic Operations**
  - **Basic concepts: quantity, unit, natural numbers**
  - **Addition and subtraction operations**
  - **Multiplication and division operations**
  - **Examples of everyday applications**
- **Chapter 2: Negative Numbers and Basic Algebra**
  - **Definition of negative number**
  - **Basic properties of negative numbers**
  - **Introduction to algebra: variables and expressions**
  - **Basic properties of algebraic expressions**

Part 2: Geometry and Real Numbers

- **Chapter 3: Basic Geometry**
  - **Concepts: point, line, surface**
  - **Basic geometric properties**
  - **Examples of applications in architecture and engineering**
- **Chapter 4: Real Numbers**
  - **Definition of real number**
  - **Basic properties of real numbers**
  - **Comparing real numbers**
  - **Addition and subtraction operations on real numbers**

Part 3: Equations and Systems of Equations

- **Chapter 5: Basic Linear Equations**
  - **Definition of linear equation**
  - **Basic properties of linear equation**
  - **Solving linear equations**
  - **Examples of applications in physics and engineering**
- **Chapter 6: Systems of Linear Equations**

- Definition of system of linear equations
- Basic properties of system of linear equations
- Solving systems of linear equations
- Examples of applications in economics and finance

Part 4: Statistics and Probability

- **Chapter 7: Basic Statistics**
  - Definition of statistics
  - Basic statistical properties
  - Statistical description of data
  - Examples of applications in medicine and business
- **Chapter 8: Basic Probability**
  - Definition of probability
  - Basic properties of probability
  - Calculating probability
  - Examples of applications in insurance and games of chance

Part 5: Examples and Exercises

- **Chapter 9: Examples of Applications in Various Fields**
    - **Examples of applications in physics**
    - **Examples of applications in engineering**
    - **Examples of applications in economics**
    - **Examples of applications in medicine**
- **Chapter 10: Exercises and Assignments**
    - **Exercises on arithmetic**
    - **Exercises on geometry**
    - **Exercises on algebra**
    - **Exercises on statistics and probability**

Conclusion

- **Summary of key points**
- **Advice and guidelines for teachers and students**
- **Recommendations for further knowledge development**

The book can be purchased at

https://readolla.com/mastering-math-with-tropical-card-magic