

**Lesson 5 (PH Test 4.6): Formalizing Relations and Functions**

*Objectives:* To determine whether a relation is a function

To find the domain and range of a relation and use function notation

**function** –  $x$ -values don't repeat!

**Relation**– is a set of one or more ordered pairs

**Domain**– is the set of all first elements or  $x$ -coordinates (  $x$ - values ) – the set of all possible input values

**Range**– is the set of all second elements or  $y$ -coordinates (  $y$ - values ) – the set of all possible output values

Do not include repeating values and list in order from least to greatest.

# Lesson 4 6 Formalizing Relations And Functions

**Minjie Lin**



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## **Table of Contents Lesson 4 6 Formalizing Relations And Functions**

1. Understanding the eBook Lesson 4 6 Formalizing Relations And Functions
  - The Rise of Digital Reading Lesson 4 6 Formalizing Relations And Functions
  - Advantages of eBooks Over Traditional Books
2. Identifying Lesson 4 6 Formalizing Relations And Functions
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Lesson 4 6 Formalizing Relations And Functions
  - User-Friendly Interface
4. Exploring eBook Recommendations from Lesson 4 6 Formalizing Relations And Functions
  - Personalized Recommendations
  - Lesson 4 6 Formalizing Relations And Functions User Reviews and Ratings
  - Lesson 4 6 Formalizing Relations And Functions and Bestseller Lists
5. Accessing Lesson 4 6 Formalizing Relations And Functions Free and Paid eBooks

- Lesson 4 6 Formalizing Relations And Functions Public Domain eBooks
- Lesson 4 6 Formalizing Relations And Functions eBook Subscription Services
- Lesson 4 6 Formalizing Relations And Functions Budget-Friendly Options
- 6. Navigating Lesson 4 6 Formalizing Relations And Functions eBook Formats
  - ePub, PDF, MOBI, and More
  - Lesson 4 6 Formalizing Relations And Functions Compatibility with Devices
  - Lesson 4 6 Formalizing Relations And Functions Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Lesson 4 6 Formalizing Relations And Functions
  - Highlighting and Note-Taking Lesson 4 6 Formalizing Relations And Functions
  - Interactive Elements Lesson 4 6 Formalizing Relations And Functions
- 8. Staying Engaged with Lesson 4 6 Formalizing Relations And Functions
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Lesson 4 6 Formalizing Relations And Functions
- 9. Balancing eBooks and Physical Books Lesson 4 6 Formalizing Relations And Functions
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Lesson 4 6 Formalizing Relations And Functions
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Lesson 4 6 Formalizing Relations And Functions
  - Setting Reading Goals Lesson 4 6 Formalizing Relations And Functions
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Lesson 4 6 Formalizing Relations And Functions
  - Fact-Checking eBook Content of Lesson 4 6 Formalizing Relations And Functions
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

#### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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