

Contents

CHAPTER 1

- READING THE SCALES 7
History of the Slide Rule—Buying a Slide Rule—Parts of the Slide Rule—Construction of the Scales—Significant Figures—Primary Numbers—Secondary Numbers—Tertiary Numbers—Accuracy and Tolerance

CHAPTER 2

- MULTIPLICATION; THE C AND D SCALES 33
Multiplication With Logarithms—Method—Choice of Index—Locating the Decimal Point

CHAPTER 3

- DIVISION; RECIPROCAL AND THE CI SCALE 45
Division—Reciprocals—Scientific Notation—The CI Scale—Use of the CI Scale for Multiplication

CHAPTER 4

- COMBINED OPERATIONS; THE CF AND DF SCALES 61
The CF and DF Scales—Multiplication by Pi—Proportion

CHAPTER 5

- SQUARES AND SQUARE ROOTS; THE A AND B SCALES 71
Squaring a Number—The A and B Scales—Using Logarithms to Find Squares—Finding the Square of a Number—Square Roots—Using Logarithms to Find Square Roots—Combined Operations With the A and B Scales

ANSWERS TO EXERCISES 85

INDEX 91

Contents

READING THE BIBLE

CHAPTER I

CHAPTER II

CHAPTER III

CHAPTER IV

CHAPTER V

CHAPTER VI

CHAPTER VII

CHAPTER VIII

CHAPTER IX

CHAPTER X

CHAPTER XI

CHAPTER XII

CHAPTER XIII

CHAPTER XIV

CHAPTER XV

CHAPTER XVI

CHAPTER XVII

CHAPTER XVIII

CHAPTER XIX

CHAPTER XX

CHAPTER XXI

CHAPTER XXII

CHAPTER XXIII

CHAPTER XXIV

CHAPTER XXV

CHAPTER XXVI

CHAPTER XXVII

CHAPTER XXVIII

CHAPTER XXIX

CHAPTER XXX