

## Table of Contents

|  |    |
|--|----|
| Introduction . . . . .                               | 5  |
| 1 The Scales of the Slide Rule . . . . .             | 7  |
| 2 The Scales of the Slide Rule (Concluded) . . . . . | 14 |
| 3 Multiplication . . . . .                           | 19 |
| 4 Division . . . . .                                 | 27 |
| 5 Multiplication and Division Combinations . . . . . | 34 |
| 6 Squares and Square Roots . . . . .                 | 39 |
| 7 Cubes and Cube Roots . . . . .                     | 46 |
| 8 Sines and Cosines . . . . .                        | 52 |
| 9 Tangents . . . . .                                 | 61 |
| 10 The Reciprocal Scale . . . . .                    | 68 |
| 11 Review . . . . .                                  | 74 |
| 12 Logarithms . . . . .                              | 82 |
| Answers to Review Problems . . . . .                 | 89 |

Study notes will follow the table of contents. These notes will contain what the teacher normally does in a classroom. Read these notes carefully since they will contain many helpful hints and will aid you in your class work. The page numbers of sections preceding any note refer to the page or pages in the text where the subject is discussed.

Following the study notes you will find self-testing exercises. These exercises give you an opportunity to test your understanding of the material covered in the lesson. Check your answers with those given in the key immediately following the self-testing exercises.