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The 100 Multiplication Facts

Part A: Imaging the Times Tables

SYMBOL IMAGING DEVELOPMENT

Worksheet Masters

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Version 3.0

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The worksheet masters in this book are ideal for supplementing any and all textbooks, and provide the Making Math Real course participant with specific and prescriptive practice designed to maximize the development of the associative and cognitive tools of central processing, retention, and concept-procedure integration.

All problem sets have been carefully designed to include all content combinations, configurations, increments and levels to ensure maximum connection and comprehension.

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Founder & Director of the Making Math Real Institute

IMPORTANT NOTE TO THE TEACHER ON PROPER USAGE OF THIS BOOK

The design and intent of this book is for students to develop automaticity with the 100 multiplication facts. The intensive and comprehensive incremental structures contained in the following 244 pages have been expressly created to help students benefit from the organizing systems of each multiplication fact configuration to mentally combine all of the 100 multiplication facts with maximum efficiency and minimum cognitive demand. Students' mental fluency with the 100 multiplication facts will develop as the direct result of the repeated structured practice of imaging the specific processing connections supporting the multiplication fact configurations taught in the Making Math Real: 9 Lines seminar.

The extensive volume of incremental practice in this book is intended to enable the educator to be prescriptive for students' indicated areas of practice – not to assign pages of unstructured drill. **USING THIS BOOK DISASSOCIATED FROM ITS DESIGN AND INTENT WILL NOT HELP STUDENTS LEARN THE 100 MULTIPLICATION FACTS.**

Furthermore, it is NOT intended that students complete every page of this book unless indicated by their processing needs.

THE 100 MULTIPLICATION FACTS

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