

# IMPORTANT NOTE TO THE TEACHER ON PROPER USAGE OF THIS BOOK

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The design and intent of this book is for students to develop automaticity with the 100 division facts. The intensive and comprehensive incremental structures contained in the following 144 pages have been expressly created to help students benefit from the organizing systems of each division fact configuration to mentally combine all of the 100 division facts with maximum efficiency and minimum cognitive demand. Students' mental fluency with the 100 division facts will develop as the direct result of the repeated structured practice of imaging the specific processing connections supporting the division fact configurations taught in the Making Math Real: *The 4 Operations and the 400 Math Facts*.

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 DIVISION FACTS OR DEVELOP SYMBOL IMAGING.**

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

**SPECIAL NOTE:** Ten of the 100 division facts are not appropriate for elementary-age students. The ten inappropriate division facts are the ten combinations with 0 as the divisor:  $9 \div 0$ ,  $8 \div 0$ ,  $7 \div 0$ ,  $6 \div 0$ ,  $5 \div 0$ ,  $4 \div 0$ ,  $3 \div 0$ ,  $2 \div 0$ ,  $1 \div 0$ , and  $0 \div 0$ . The quotients for all combinations of  $9 \div 0$  through  $1 \div 0$  are undefined. The quotient for  $0 \div 0$  is all solutions or indeterminate. Since these ten division facts are not appropriate for students at this level, the ten division facts with 0 as the divisor are not included in this book.

# THE 100 DIVISION FACTS

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