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Introduction

The old adage "practice makes perfect" can really hold true for your child and their education. The more practice a child has with concepts being taught in school, the more success they are likely to find. For many parents, knowing how to support their child's learning can be frustrating. This book is designed to eliminate the guesswork for parents using it at home while also being a valuable resource for educators using it in the classroom.

Here's how: Grade 4 students need a certain set of skills in order to be able to understand and work with math concepts. *Practice Makes Perfect: Math Review* covers the following skills:

- writing numbers in standard form and words
- rounding and estimating
- adding and subtracting
- multiplying and dividing
- mixed operations and order of operations
- working with fractions and decimals
- basic geometry
- calculating time
- working with charts and graphs
- solving word problems
- statistical analysis

Inside This Resource

Practice Pages (pages 4 to 39)—There are 36 practice pages organized sequentially so that children can build their knowledge from more basic skills to higher-level math skills.

Practice Tests (pages 40–45)—These 6 mixed-skills practice tests are given in a multiple-choice format designed to prepare students for the standardized tests administered in schools.

Answer Sheet (page 46)—This optional sheet provides a similar format to those found on standardized tests. This "bubble-in" answer sheet can be used in the classroom or at home.

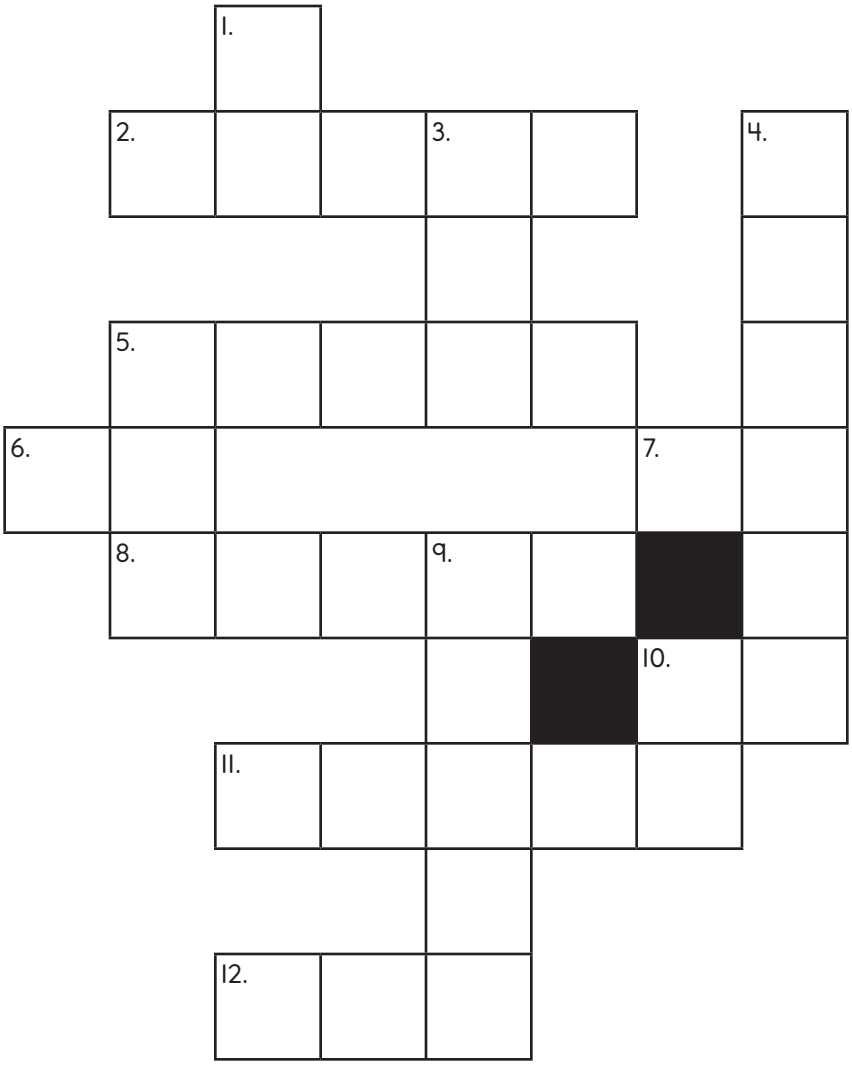
Answer Key (pages 47–48)—This comprehensive key provides the answers for all of the practice pages and the practice tests.

Helpful Tips

- Keep practice sessions short, positive, and constructive.
- Help with instructions. Consider asking your child to underline or repeat what they are being asked to find or solve.
- Provide extra guidance and support in the areas in which your child is struggling. Look for ways to apply these skills to real-life situations.
- Look for ways to make real-life applications to the skills being reinforced.

Name: _____

Write the answer to each problem in the number puzzle.



Across

2. 713 × 73

5. 802 × 16

6. 1,134 ÷ 18

7. 256 ÷ 16

8. 3,105 × 29

10. 990 ÷ 99

11. 974 × 50

12. 2,496 ÷ 16

Down

1. 756 ÷ 63

3. 4,430 ÷ 10

4. 6,710 × 60

5. 4,031 ÷ 29

9. 687 × 68

10. 100 ÷ 10

Practice 10
Mixed Operations

Name: _____

Each set of numbers has the same number added, subtracted, divided, and multiplied. Write the missing sign and number.

1.

Missing Number: _____

sign		
	862	863
	5,900	5,900
	4,200	4,199
	27	27

2.

Missing Number: _____

sign		
	556	553
	63	21
	192	195
	4,310	12,930

3.

Missing Number: _____

sign		
	17	85
	755	151
	140	135
	3,481	3,486

4.

Missing Number: _____

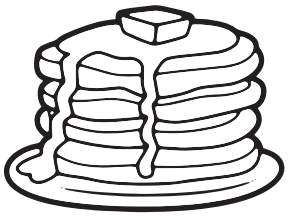
sign		
	2,934	2,944
	370	3,700
	1,000	100
	1,214	1,204

Name: _____

Make a horizontal bar graph using the following information.

Pancake Breakfast Fundraiser

Aiden ate 6 pancakes.
Alyssa ate 4 pancakes.
Brendan ate 1 pancake.
Colin ate 10 pancakes.
Frankie ate 4 pancakes.
Gage ate 7 pancakes.
Kelsey ate 2 pancakes.
Levi ate 3 pancakes.
Lyla ate 4 pancakes
Molly ate 6 pancakes.



Name

	1	2	3	4	5	6	7	8	9	10

Number of Pancakes

Find the mean (average) number of pancakes eaten by the students by completing 1–3 below.

1. Add the total number of pancakes eaten.

   _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ = _____ pancakes

2. Divide the total number of pancakes eaten by the number of students who ate them.

   _____ (pancakes) ÷ _____ (students) = _____

3. The mean is _____ pancakes.

4. Find the median. The median is the middle number between the most number of pancakes eaten and the fewest number of pancakes eaten, when the values are arranged from smallest to largest.

   _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

5. Find the mode. The mode is the number of pancakes eaten that occurred most frequently.

   The mode is _____ pancakes.