# **Table of Contents**

Practice Numbers	Skill(s) Covered	Page(s)		
I	Writing Numbers in Standard Form	4		
2	Writing Large Numbers in Words	5		
3	Rounding/Estimating Numbers	6		
4	Rounding to Place Value	7		
5	Rounding Money	8		
6	Adding and Subtracting	q		
7	Prime Numbers	10		
8	Multiplying and Dividing	ll II		
q	Order of Operations	12		
10	Mixed Operations	13		
ll l	Factorization	14		
12	Decimals	15		
13	Fractions, Decimals, and Negative Numbers	16		
14	Equivalent Fractions	17		
15	Adding, Subtracting, and Reducing Fractions	18		
16	Converting Distances			
17	Combinations	20		
18, 19	Charts and Graphs	21-22		
20	Finding Coordinates	23		
21	Plotting Coordinates	24		
22	Symmetry	25		
23	Plane and Solid Figures	26		
24	Triangles	27		
25	Rotation	28		
26	Perimeter	29		
27	Area	30		
28	Lines, Line Segments, and Rays	31		
29	Circles	32		
30	Angles	33		
31, 32, 33	Measuring Time	34–36		
34	Calculating Minutes	37		
35	Word Problems	38		
36	Statistical Analysis	39		
Tests I-6	Cumulative Mixed-Practice Review	40-45		

#### **Additional Resources**

• Introduction (page 3) • Answer Sheet (page 46) • Answer Key (pages 47-48)

## 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.

#### Practice 8

Multiplying and Dividing

Name:

Write the answer to each problem in the number puzzle.

		I.			
	2.		3.		4.
	5.				
6.				7.	
	8.		<b>9</b> .		
				10.	
		II.			
		12.			

## Across

- **2.** 713 × 73
- **5**. 802 × 16
- **6.** 1,134 ÷ 18
- **7.** 256 ÷ 16
- **8.** 3,105 × 29
- 10. 990 ÷ 99
- **II.** 974 × 50
- **12.** 2,496 ÷ 16

### Down

- I. 756 ÷ 63
- **3.** 4,430 ÷ 10
- **4.** 6,710 × 60
- **5.** 4,031 ÷ 29
- **9.** 687 × 68
- **10**. 100 ÷ 10

Name:		
1011E		

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

 I. 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:		

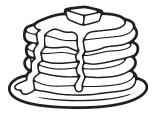
Make a horizontal bar graph using the following information.

#### Pancake Breakfast Fundraiser

Aiden ate 6 pancakes. Alyssa ate 4 pancakes.

Brendan ate I pancake. Colin ate 10 pancakes. Frankie ate 4 pancakes.

Gage ate 7 pancakes. Kelsey ate 2 pancakes. Levi ate 3 pancakes. Lula ate 4 pancakes Molly ate 6 pancakes.



Name										
Ž										
	I	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 I-3 below.

I. 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.