A Quick-Study® Program

Book 1

TEST ....○
READY®

– PLUS –
MATHEMATICS

- **REVIEWS**
  Key Math Concepts

- **PROVIDES**
  Problem-Solving Practice

- **STRENGTHENS**
  Math-Reasoning Skills

- **DEVELOPS**
  Test-Taking Skills

- **IMPROVES**
  Math Assessment Scores

Name: _____

CURRICULUM ASSOCIATES®, Inc.

For the Student

Listen carefully to what your teacher says. Your teacher will read one problem at a time and will tell you when to fill in the answer. It is important that you follow the directions that your teacher gives. Pay close attention.

Testing Tips

- Listen carefully as your teacher reads each problem.
- Check each answer to be sure it makes sense.
- Make sure you fill in the correct letter choice.

This **TEST READY® PLUS Mathematics** book was prepared for students by Brian E. Enright and Diane Spencer.

Lesson 3

Part 1 Patterns and Algebra

1.

Penny, Nickel, Dime, Penny, _____, Dime

(A) Penny (B) Nickel (C) Dime (D) Quarter

2.

Dime, Penny, Penny, Dime, Penny, _____ _____ _____

2	5	6	8
(A)	(B)	(C)	(D)

3.

$$\square + 7 = 10$$

17	3	4	5
(A)	(B)	(C)	(D)

4.

25		35	40

20	26	30	45
(A)	(B)	(C)	(D)

5.

40	50		70

30	60	80	90
(A)	(B)	(C)	(D)

Go on to next page

Part 2 Mixed Practice

6.
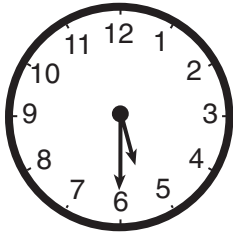
5:00	5:30	6:00	6:30
Ⓐ	Ⓑ	Ⓒ	Ⓓ

7.

Pets	
🐕	𝍷𝍷𝍷𝍷𝍷 𝍷𝍷
🐈	𝍷𝍷𝍷𝍷𝍷
🐟	|||
🐹	||
🐴	|||

Ⓐ	Ⓑ	Ⓒ	Ⓓ

8.

2	3	5	7
Ⓐ	Ⓑ	Ⓒ	Ⓓ

9.

7	3	10	4
Ⓐ	Ⓑ	Ⓒ	Ⓓ

Part 3 Math Reasoning

10. Use △'s and ◯'s.

_____

STOP ✋

TEACHER GUIDE

A Quick-Study® Program

TEST
READY®

– PLUS –
MATHEMATICS

4
3
2
1
+

- **REVIEWS**
  Key Math Concepts

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  Math-Reasoning Skills

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Table of Contents

Authors

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For the Teacher

What is *TEST READY® PLUS Mathematics?*

TEST READY PLUS Mathematics is a review program that provides practice in math test-taking skills and problem-solving strategies. This ten-level program is designed for students in grades K through 8, and Advanced. Each *TEST READY PLUS Mathematics* level is a 32-page book of ten lessons, a Practice Test, an Answer Form, and a Student Performance Chart (in Books 3–8). *TEST READY PLUS Mathematics, Book 1,* requires direct teacher instruction. The scripted text for administering the lessons, the Practice Test, and the optional Pretest is included in this teacher guide on pages 6–16.

- Lessons 1 through 10 are two-page lessons. Each lesson provides practice with ten problems related to basic math understanding and the higher-order math thinking skills. *TEST READY PLUS Mathematics, Book 1,* presents a total of 192 math problems.

  The first page of each lesson contains five problems that focus on the concepts and application of one of six major strands of mathematics: data and probability, number sense, measurement, geometry, operations, and patterns and algebra.

  The second page mixes four problems from the five other strands. The page concludes with a math-reasoning problem that represents the strand featured on the first page. Math-reasoning problems are those problems that can be solved using two or more strategies and often have more than one answer.

  Each math-reasoning item is presented in a problem-solving setting, is relevant to daily living, and is designed to challenge students to think and write critically.

- The reproducible optional Pretest appears in the teacher guide. It provides information about each student's math ability before beginning the program.

- The Practice Test provides practice with the concepts and strategies reviewed in each lesson. The Practice Test allows students the opportunity to experience the test-taking process.

- The Answer Form, on page 30 of the student book, provides students with the opportunity to record answers on a form similar to the ones used with most standardized assessments.

- *TEST READY PLUS Mathematics, Book 1,* reviews math strategies introduced and developed in grade 1.

How does *TEST READY® PLUS Mathematics, Book 1,* correlate to major standardized assessments and proficiency assessments?

Major standardized assessments vary in content, format, and level of difficulty. *TEST READY PLUS Mathematics* provides practice with a variety of widely used assessment formats and a broad range of grade-appropriate mathematics strategies that major standardized and proficiency assessments evaluate.

How does *TEST READY® PLUS Mathematics, Book 1,* correlate to the standard mathematics curriculum?

Problems included in each lesson of *TEST READY PLUS Mathematics, Book 1,* reflect the major content and skill areas in the grade 1 mathematics curriculum. Mathematics items included in each lesson are based on information gathered from a review of current math programs, standardized assessments, state assessments, and standards promoted by the National Council of Teachers of Mathematics.

Part 2
Mixed Practice

6. Find Number 6. Look at the birds and birdhouses. What bird is below the birdhouse? Mark under your answer.

7. Find Number 7. Look at the coins in the box. Julio wants to buy a notepad for 40 cents. He needs one more coin. Which of these coins does Julio need? Mark under your answer.

8. Find Number 8. Look at the pattern of rectangles in the box. What rectangle goes on the line to complete the pattern? Mark under your answer.

9. Find Number 9. Look at the numbers in the stars. Choose the star that is two more than 66. Mark under your answer.

Part 3
Math Reasoning

10. Find Number 10. Look at the sentences in the box. Listen as I read them. Bill has 8 pencils. John has more pencils than Bill. Draw a number of pencils that John could have. Write the number in the blank.

LESSON 3

Part 1
Patterns and Algebra

Turn to page 5 in your book.

1. Find Number 1. Look at the pattern of coins in the box. What coin goes on the line to complete the pattern? Mark under your answer.

2. Find Number 2. Look at the pattern of coins in the box. If the pattern is continued on the lines shown, how many pennies will be in the box? Mark under your answer.

3. Find Number 3. Look at the number sentence. Choose the number that goes into the box to make the number sentence true. Mark under your answer.

4. Find Number 4. Look at the pattern. What number goes into the empty box to complete the pattern? Mark under your answer.

5. Find Number 5. Look at the pattern. What number goes into the empty box to complete the pattern? Mark under your answer.

Go on to the next page.
(Make sure all students are on page 6.)

Part 2
Mixed Practice

6. Find Number 6. Look at the clock. Choose the time that is the same as the time shown on the clock. Mark under your answer.

Look at the chart. Monica asked 20 friends what their favorite kind of pet is. The chart shows what Monica found out. Use this chart to do problems 7, 8, and 9.

7. Find Number 7. Look at the chart. What kind of pet was chosen the most? Mark under your answer.

8. Find Number 8. Look at the chart. How many people chose a horse as their favorite pet? Mark under your answer.

9. Find Number 9. Look at the chart. How many more people chose dogs than horses? Mark under your answer.

Part 3
Math Reasoning

10. Find Number 10. On the line make your own pattern. Use triangles and circles to make your pattern.

Scope and Sequence for Book 1

Question Types	Lessons and Questions
Number Sense	**1**(1–5, 10); **2**(6, 9); **7**(1–5, 8, 10); **9**(8, 9); **10**(6); **PT** and **OP**(7, 20, 22, 25, 34, 37, 38)
Operations	**2**(1–5, 10); **4**(6); **7**(6, 7); **8**(1–5, 10); **9**(6, 7); **10**(1–5, 8, 10); **PT** and **OP**(3–5, 10, 17, 18, 21, 23, 24, 36, 39)
Patterns and Algebra	**1**(8); **3**(1–5, 10); **10**(9); **PT** and **OP**(26, 33, 45)
Data and Probability • **Graphs and Charts** • **Probability**	 **3**(7–9); **4**(1–5, 10); **5**(7–9); **PT** and **OP**(11–15, 27, 31) **PT** and **OP**(44)
Geometry	**1**(9); **2**(8); **4**(8, 9); **5**(1–5, 10); **7**(9); **10**(7); **PT** and **OP**(6, 8, 19, 32, 40–42, 46)
Measurement • **Standard and Metric** • **Time and Money**	 **6**(1); **9**(1, 10); **PT** and **OP**(43) **1**(6, 7); **2**(7); **3**(6); **4**(7); **5**(6); **6**(2–5, 10); **9**(2–5); **PT** and **OP**(1, 2, 9, 16, 35)

NOTE: The boldface number in a set indicates the lesson. The numbers in parentheses indicate the questions. **PT** = Practice Test   **OP** = Optional Pretest