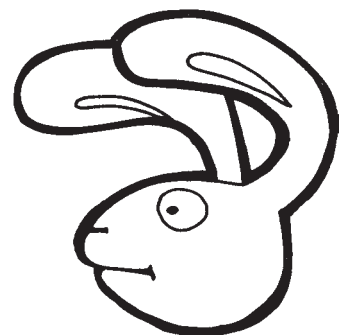
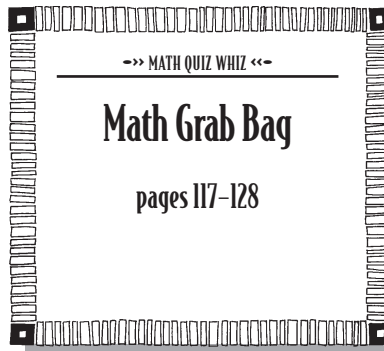
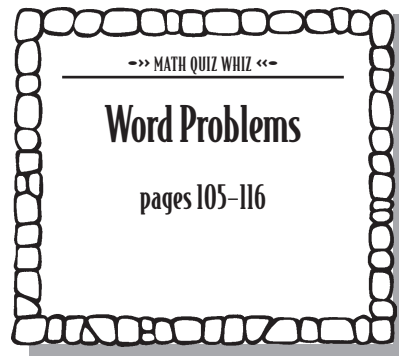
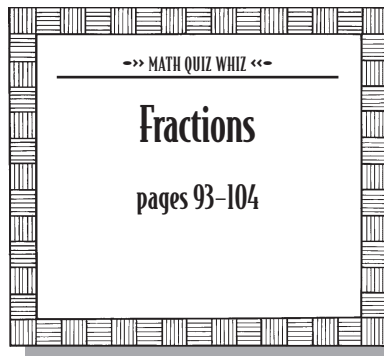
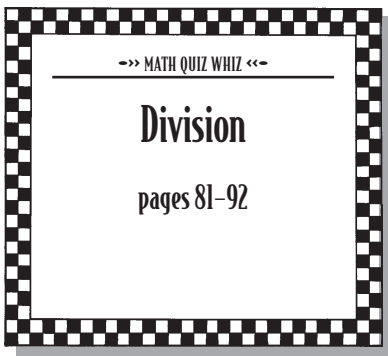
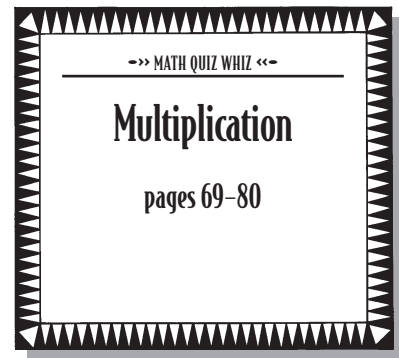
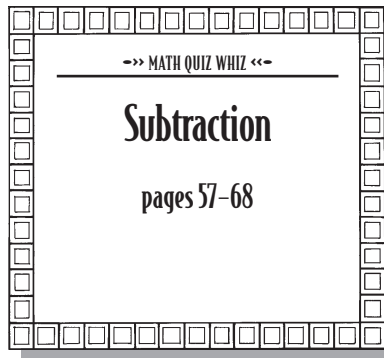
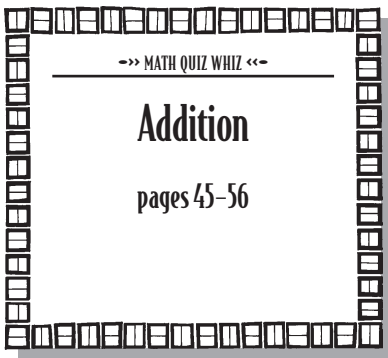
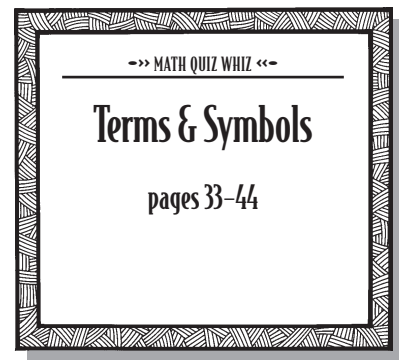
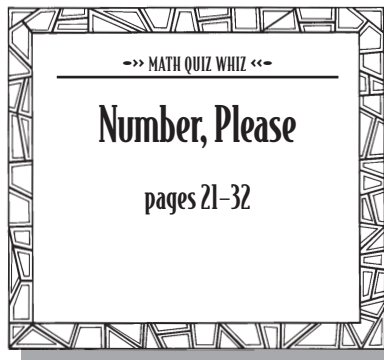
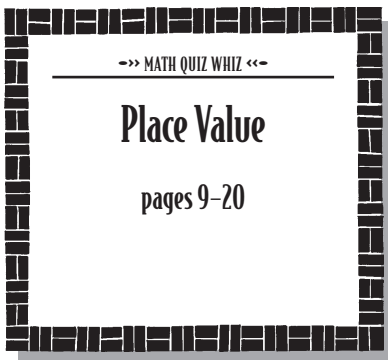


CONTENTS

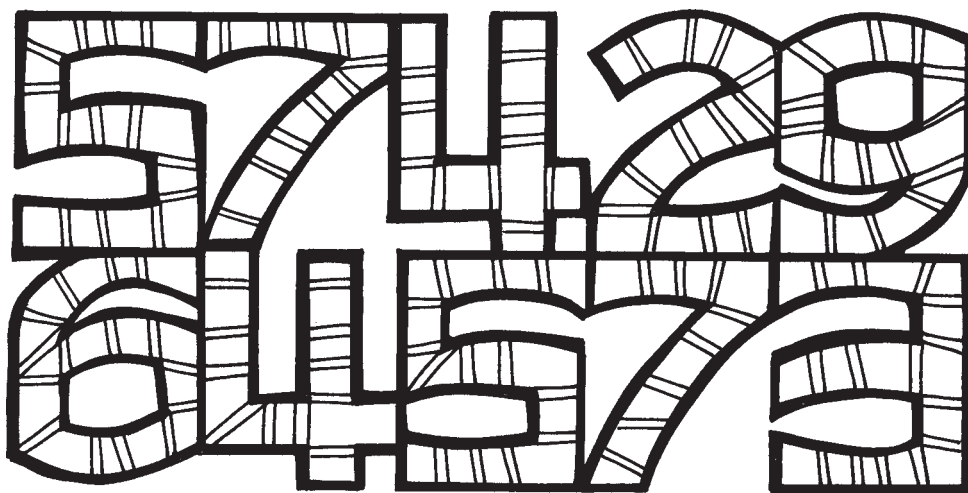
The question cards in *Math Quiz Whiz 3–5* are grouped into 10 categories of 36 question cards each. In each section you will find 6 folios, each with 6 cards. The 10 categories can be identified by their borders, as shown below. Levels of difficulty (I–III) can be found in the copyright footer on the answer side of each card.



Mathematics Content Standards

The concepts presented in *Math Quiz Whiz 3–5* are ideal for preparing your students for standardized tests. Here are some of the mathematics content standards covered in *Math Quiz Whiz 3–5*:

- understand and use numbers up to 1,000,000
- understand the place value of whole numbers
- demonstrate the meaning of addition and subtraction and use these operations to solve problems
- use number sentences with operational symbols and expressions to solve problems
- solve problems involving multiplication and division
- understand that fractions refer to parts of a whole
- solve problems involving simple number patterns
- understand plane geometric figures
- understand units and unit conversions
- rounding of whole numbers
- work with money values to determine total and unit costs
- add and subtract fractions



Ways to Use

Math Quiz Whiz 3–5

There are many ways to use *Math Quiz Whiz 3–5* in class. You can open the book to any page and ask a few questions to start your morning, begin each math lesson, or fill last minutes before lunch, recess, or the end of the day. When you have more time, here are other creative ideas:

Math Quiz Whiz Game

Start by removing the pages from the book and cutting the question cards apart. If you prefer to keep the book intact, photocopy the question cards from the section or sections you wish to use. For added durability, laminate the pages before you cut the cards apart. Different borders have been used to help you easily identify the ten sections.

Make a bulletin board display using the reproducible headers provided on pages 7 and 8. Select five categories at a time (or more if you prefer) and pin five question cards from each of the categories under each heading. Attach an unlined index card with a dollar value written on it over each question card. The most difficult math questions should be worth more money and should be placed further down on the quiz board. Use colored yarn to separate the categories.

Once the quiz board is set up, it can be used over and over by simply changing the topics and header cards and replacing question cards with new ones. Students can get together and decide on the game rules as a class. Encourage them to add their own math question cards to the classroom board. A moderator can be selected and someone can be assigned to check to see if a question has been answered correctly by simply looking on the reverse side of the question card on the board.

Select a scorekeeper to keep track of money earned. You can also use play money as *Quiz Whiz* bucks to award players. Play money can be found at many school supply and toy stores.

A few suggestions:

- Allow students to use pencil and paper to do the math computations if necessary.
- In some cases, the players will need to actually see the card in order to answer the questions because picture prompts are given as in the section on Fractions. Also, many students are visual rather than auditory learners. They will need to see the question cards in order to answer the questions.
- For math problems that require computation, use an opaque projector to display the question cards so students can see the math problems. Students can work at their desks and raise their hands when they've arrived at an answer.

Tic-Tac-Toe _____

This is a great game to place at a math center for students to play when they've completed their class assignments. Students play with a partner taking turns picking math questions from the pile and answering them. If the answer is correct, the player marks an X or an O in pencil on a Tic-Tac-Toe grid. Students must play defensively, trying to block their opponents from getting three correct answers in a row while attempting to score Tic-Tac-Toe themselves.

Quiz Whiz Math Bee _____

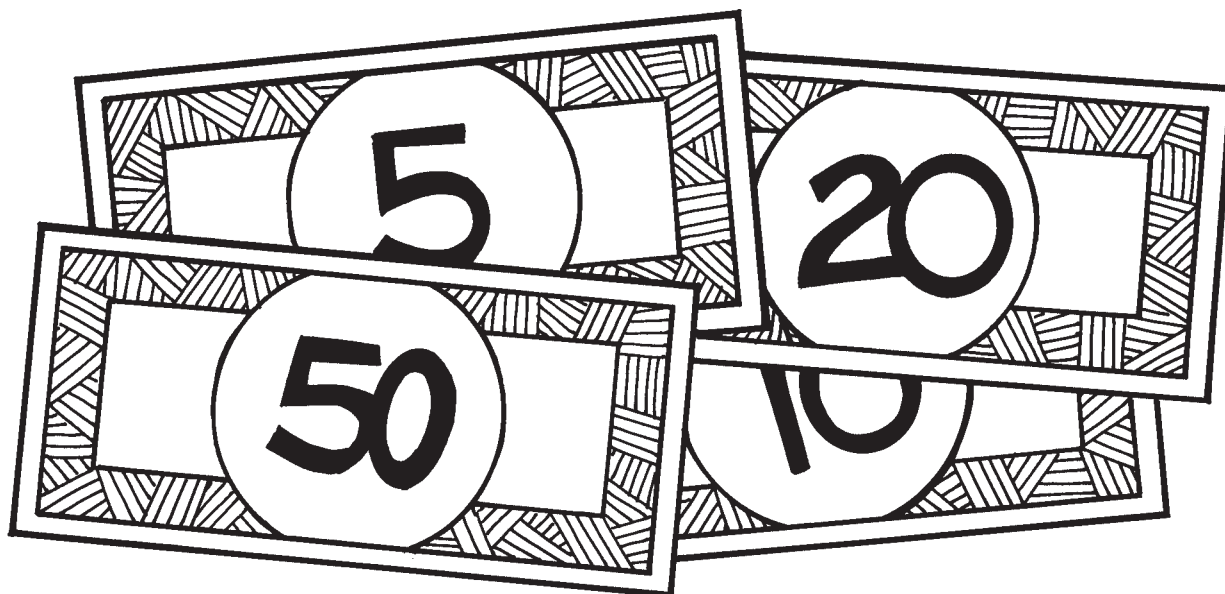
Use these questions for a *Quiz Whiz* Math Bee organized similar to a spelling bee. Students are eliminated as they miss questions asked by the teacher. Have class champs challenge each other or organize a school-wide *Quiz Whiz* Math Bee.

Radio or Television Game Show _____

Use the *Math Quiz Whiz* questions to organize and plan a classroom quiz show that follows a radio or television format. All the work of finding suitable questions has been done for you. Ask students to create an original quiz game that can be played as a weekly treat. Find class champs and have them compete against champs from other classes.

Quiz Whiz Math Question of the Day _____

Select one of the math questions and use it as a classroom assignment each day. Students can work alone or with a partner to find the answer. Award play money to the first student or team who finds the correct answer. Play money can be found at many school supply and toy stores. The play money can be redeemed for awards at the end of the week. Another variation is to select a math question each day for homework or for an extra credit challenge.





Place Value



Number, Please



Terms & Symbols



Addition



Subtraction



Multiplication



Division



Fractions



Word Problems



Math Grab Bag

•» MATH QUIZ WHIZ «•

Place Value

How many hundreds are in the number 487?

•» MATH QUIZ WHIZ «•

Place Value

How would you write the number for seven hundreds and six ones?

•» MATH QUIZ WHIZ «•

Place Value

How would you write the number for five hundreds, one ten, and five ones?

•» MATH QUIZ WHIZ «•

Place Value

What number is in the hundreds place in the number 5,278?

•» MATH QUIZ WHIZ «•

Place Value

What is the largest whole number you can make using the digits 7, 1, 8, 5, and 9?

•» MATH QUIZ WHIZ «•

Place Value

How would you write the number for three thousands, eight hundreds, six tens, and two ones?

•>> MATH QUIZ WHIZ <<•

Place Value

706

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•>> MATH QUIZ WHIZ <<•

Place Value

4

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•>> MATH QUIZ WHIZ <<•

Place Value

2

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•>> MATH QUIZ WHIZ <<•

Place Value

515

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•>> MATH QUIZ WHIZ <<•

Place Value

3,862

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•>> MATH QUIZ WHIZ <<•

Place Value

98,751

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•» MATH QUIZ WHIZ «•

Place Value

What whole number is one more than 9,999?

•» MATH QUIZ WHIZ «•

Place Value

How many thousands are in the number 601,346?

•» MATH QUIZ WHIZ «•

Place Value

What number is 100 more than 4,876?

•» MATH QUIZ WHIZ «•

Place Value

What number is in the hundreds place in the numeral 87,325?

•» MATH QUIZ WHIZ «•

Place Value

What is the smallest whole number you can make using the numbers 3, 1, 4, 6, and 9?

•» MATH QUIZ WHIZ «•

Place Value

What number is in the tens place in the numeral 5,028?

•>> MATH QUIZ WHIZ <<•

Place Value

1

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•>> MATH QUIZ WHIZ <<•

Place Value

10,000

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•>> MATH QUIZ WHIZ <<•

Place Value

3

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•>> MATH QUIZ WHIZ <<•

Place Value

4,976

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•>> MATH QUIZ WHIZ <<•

Place Value

2

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•>> MATH QUIZ WHIZ <<•

Place Value

13,469

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•» MATH QUIZ WHIZ «•

Place Value

In the number 547,900, what number does the numeral 4 represent?

•» MATH QUIZ WHIZ «•

Place Value

What is the largest 5-digit number you can make that has 8 as a digit in three places?

•» MATH QUIZ WHIZ «•

Place Value

What is the smallest 5-digit number you can make that has the digits 2 and 7?

•» MATH QUIZ WHIZ «•

Place Value

How would you write the numeral for two thousands, seven hundreds, four tens, and five ones?

•» MATH QUIZ WHIZ «•

Place Value

What whole number is one less than 500,000?

•» MATH QUIZ WHIZ «•

Place Value

What whole number is one more than 99,000?

•>> MATH QUIZ WHIZ <<•

Place Value

99,888

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•>> MATH QUIZ WHIZ <<•

Place Value

40,000

or

four ten thousands

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•>> MATH QUIZ WHIZ <<•

Place Value

2,745

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•>> MATH QUIZ WHIZ <<•

Place Value

10,027

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•>> MATH QUIZ WHIZ <<•

Place Value

99,001

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•>> MATH QUIZ WHIZ <<•

Place Value

499,999

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•» MATH QUIZ WHIZ «•

Place Value

What is the smallest whole number you can make that has the digits 1, 5, 9, 3, and 7?

•» MATH QUIZ WHIZ «•

Place Value

What is the largest whole number you can make that has the digits 8, 0, 9, 1, and 6?

•» MATH QUIZ WHIZ «•

Place Value

What number is in the ten thousands place in the number 573,613?

•» MATH QUIZ WHIZ «•

Place Value

What whole number is one more than 999,999?

•» MATH QUIZ WHIZ «•

Place Value

What whole number is 100,000 more than 600,000?

•» MATH QUIZ WHIZ «•

Place Value

What whole number is one less than 800,000?

•>> MATH QUIZ WHIZ <<•

Place Value

98,610

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•>> MATH QUIZ WHIZ <<•

Place Value

13,579

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•>> MATH QUIZ WHIZ <<•

Place Value

1,000,000

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•>> MATH QUIZ WHIZ <<•

Place Value

7

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•>> MATH QUIZ WHIZ <<•

Place Value

799,999

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•>> MATH QUIZ WHIZ <<•

Place Value

700,000

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•» MATH QUIZ WHIZ «•

Place Value

What number is 100,000 greater than 3,657,909?

•» MATH QUIZ WHIZ «•

Place Value

What number is 100,000 greater than 9,715,386?

•» MATH QUIZ WHIZ «•

Place Value

What is the largest 9-digit number you can make with no two digits the same?

•» MATH QUIZ WHIZ «•

Place Value

What is the smallest whole number you can make that has the digits 5, 8, 2, 6, 1, and 9?

•» MATH QUIZ WHIZ «•

Place Value

In the numeral 670,591,843, what digit is in the ten millions place?

•» MATH QUIZ WHIZ «•

Place Value

In the numeral 123,456,789, what digit is in the ten thousands place?

•>> MATH QUIZ WHIZ <<•

Place Value

9,815,386

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•>> MATH QUIZ WHIZ <<•

Place Value

3,757,909

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•>> MATH QUIZ WHIZ <<•

Place Value

125,689

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•>> MATH QUIZ WHIZ <<•

Place Value

987,654,321

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•>> MATH QUIZ WHIZ <<•

Place Value

5

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•>> MATH QUIZ WHIZ <<•

Place Value

7

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•» MATH QUIZ WHIZ «•

Place Value

What is the smallest 9-digit number you can write with no two digits the same?

•» MATH QUIZ WHIZ «•

Place Value

What is the largest numeral you can make using the digits 9, 5, 7, 9, 6, 8, and 6?

•» MATH QUIZ WHIZ «•

Place Value

What number is 10,000,000 more than 482,993,607?

•» MATH QUIZ WHIZ «•

Place Value

What number is 1,000,000 less than 583,780,128?

•» MATH QUIZ WHIZ «•

Place Value

In the numeral 201,496,358, what digit is in the hundred thousands place?

•» MATH QUIZ WHIZ «•

Place Value

In the numeral 574,890,361, what digit is in the hundred millions place?

•>> MATH QUIZ WHIZ <<•

Place Value

9,987,665

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•>> MATH QUIZ WHIZ <<•

Place Value

102,345,678

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•>> MATH QUIZ WHIZ <<•

Place Value

582,780,128

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•>> MATH QUIZ WHIZ <<•

Place Value

492,993,607

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•>> MATH QUIZ WHIZ <<•

Place Value

5

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•>> MATH QUIZ WHIZ <<•

Place Value

4

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