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A Problem Solving Approach to Mathematics for Elementary School TeachersA Problem Solving Approach to Mathematics for Elementary School TeachersMathematics for Elementary Teachers, Texas Correlationn Guide BookMathematics for Elementary Teachers, Florida State Guide BookMathematics for Elementary Teachers with Activities, Loose-Leaf Version Plus MyMathLab -- Access Card PackageMathematics for Elementary TeachersMathematics for Elementary Teachers: A Conceptual ApproachMathematics for Elementary TeachersElementary and Middle School MathematicsMathematics for Elementary Teachers: A Conceptual ApproachMathematics for Elementary Teachers: A Contemporary Approach 10e Student Hints and Solutions ManualMathematics for Elementary Teachers with Activity ManualMathematical Reasoning for Elementary TeachersMathematics for Elementary Teachers, Illinois Correlation Guide BookMathematics for Elementary TeachersMathematics for Elementary Teachers with ActivitiesMathematics for Elementary TeachersMath for Elementary Teachers: A Conceptual Approach with Manipulative Kit Mathematics for Elementary TeachersMath for Elementary Teachers: An Activity Approach with Manipulative Kit Mathematics for Elementary TeachersMathematics for Elementary Teachers, Michigan Correlation Guide BookStudent Solutions Manual for Mathematics for Elementary TeachersMathematics for Elementary TeachersMathematics for Elementary Teachers, A Guide to Problem SolvingMathematics for Elementary Teachers, Physical ManipulativeProblem Solving Approach to Mathematics for Elementary School Teachers + Activities Manual + MymathlabConnecting Mathematics for Elementary TeachersThe Mathematics Education of Elementary TeachersMathematics for Elementary Teachers Via Problem SolvingMathematics for Elementary Teachers, New York Correlation Guide BookMathematics for Elementary Teachers, Michigan State Guidelines BookTopics in Mathematics for Elementary TeachersA Problem Solving Approach to Mathematics for Elementary School TeachersA Problem Solving Approach to Mathematics for Elementary School Teachers, Loose-Leaf EditionMathematics for Elementary School TeachersMathematics for Elementary Teachers with Activities, Books a la Carte EditionMathematics for Elementary School TeachersMathematics for Elementary Teachers: A Contemporary Approach 10e Student Activity ManualInvestigations in Mathematics for Elementary TeachersMathematics Activities for Elementary TeachersMathematics for Elementary Teachers

A Problem Solving Approach to Mathematics for Elementary School Teachers

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

A Problem Solving Approach to Mathematics for Elementary School Teachers

Mathematics for Elementary Teachers, Third Edition offers an inquiry-based approach, which helps readers reach a deeper understanding of mathematics. Sybilla Beckmann, known for her contributions in math education, writes a text that encourages future teachers to find answers through exploration and group work. Fully integrated activities are found in her accompanying Activities Manual, which comes with every new copy of this text. As a result, readers engage, explore, discuss, and ultimately reach a true understanding of mathematics.

Mathematics for Elementary Teachers, Texas Correlationn Guide Book

NOTE: This loose-leaf, three-hole punched version of the textbook gives you the flexibility to take only what you need to class and add your own notes - all at an affordable price. For loose-leaf editions that include MyLab(tm) or Mastering(tm), several versions may exist for each title and registrations are not transferable. You may need a Course ID, provided by your instructor, to register for and use MyLab or Mastering products. For courses in Math for Future Elementary Teachers. A concept-rich, skill-based approach to preparing outstanding elementary math teachers A Problem Solving Approach to Mathematics for Elementary School Teachers not only helps students learn the math -- it provides an invaluable reference to future teachers by including professional development features and discussions of today's standards. Revised throughout to prepare students more effectively for their own classrooms, the 13th Edition gives instructors a variety of approaches to teaching, and encourages discussion and collaboration among students and with their instructors. The MyLab(tm) Math course for this revision is updated extensively with new resources and features. The Common Core Standards are used in the text to highlight concepts. The National Council of Teachers of Mathematics (NCTM) publications, Principles and Standards of School Mathematics (2000) and Principles to Actions: Ensuring Mathematical Success for All (2014) are reflected throughout. Also available with MyLab Math By combining trusted author content with digital tools and a flexible platform, MyLab Math personalizes the learning experience and improves results for each student. Note: You are purchasing a standalone product; MyLab Math does not come packaged with this content. Students, if interested in purchasing this title with MyLab Math, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

Mathematics for Elementary Teachers, Florida State Guide Book

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

Mathematics for Elementary Teachers with Activities, Loose-Leaf Version Plus MyMathLab -- Access Card Package

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

Mathematics for Elementary Teachers

This book is an edited volume addressing specific issues of significance for individuals involved with the undergraduate mathematics content preparation of prospective elementary teachers (PSTs). Teaching mathematics content courses to this group of students presents unique challenges. While some PSTs enter their teacher preparation with weak mathematical skills and knowledge, many also hold negative attitudes, anxiety, and misguided beliefs about mathematics. This book is designed to support instructors who teach these students in mathematics content for elementary teachers courses. Elementary teachers need a richly developed understanding of the mathematics they are teaching in order to teach it effectively. Providing them with the needed preparation is difficult, but can be eased with a solid understanding of the mathematical concerns and limitations PSTs bring to the learning of mathematics and a familiarity with the standards and curricula topics PSTs will be expected to teach. Chapter One makes the argument that elementary mathematics is not trivial. This is followed by an analysis of four central issues related to the mathematical preparation of elementary teachers, specifically: (1) selecting/creating/modifying and implementing mathematical tasks (2) noticing/understanding children's ways of thinking as a foundation for learning mathematics, (3) developing mathematical habits of mind in PSTs, and (4) understanding the role affect plays in the mathematical learning of PSTs. The final chapter presents three international examples of programs that currently consider these factors in the implementation of their courses.

Mathematics for Elementary Teachers: A Conceptual Approach

Mathematics for Elementary Teachers

Overview: Albert B. Bennett, Jr. and L. Ted Nelson have presented hundreds of workshops on how to give future teachers the conceptual understanding and procedural fluency they will need in order to successfully teach elementary-school mathematics. The Eighth Edition of Mathematics for Elementary Teachers: A Conceptual Approach continues their innovative, time-tested approach: an emphasis on learning via specific, realistic examples and the extensive use of visual aids, hands-on activities, problem-solving strategies and active classroom participation. Special features in the text ensure that prospective teachers will gain not only a deeper understanding of the mathematical concepts, but also a better sense of the connections between their college math courses and their future teaching experiences, along with helpful ideas for presenting math to their students in a way that will generate interest and enthusiasm. The text draws heavily on NCTM Standards and contains many pedagogical elements designed to foster reasoning, problem-solving and communication skills. The text also incorporates references to the virtual manipulative kit and other online resources that enhance the authors' explanations and examples.

Elementary and Middle School Mathematics

All the essential mathematics teachers need for teaching at the elementary and middle school levels! This best seller features rich problem-solving strategies,

relevant topics, and extensive opportunities for hands-on experience. The coverage in the book moves from the concrete to the pictorial to the abstract, reflecting the way math is generally taught in elementary classrooms.

Mathematics for Elementary Teachers: A Conceptual Approach

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

Mathematics for Elementary Teachers: A Contemporary Approach 10e Student Hints and Solutions Manual

Mathematics for Elementary Teachers with Activity Manual

--Book Jacket.

Mathematical Reasoning for Elementary Teachers

This book reflects the author's experience in teaching a mathematics content course for pre-service elementary teachers. The book addresses a number of recommendations of the Conference Board of the Mathematical Sciences for the preparation of teachers demonstrating how abstract mathematical concepts can be motivated by concrete activities. Such an approach, when enhanced by the use of technology, makes it easier for the teachers to grasp the meaning of generalization, formal proof, and the creation of an increasing number of concepts on higher levels of abstraction. A strong experiential component of the book made possible by the use of manipulative materials and digital technology such as spreadsheets, The Geometer's Sketchpad, Graphing Calculator 3.5 (produced by Pacific Tech), and Kid Pix Studio Deluxe makes it possible to balance informal and formal approaches to mathematics, allowing the teachers to learn how the two approaches complement each other. Classroom observations of the teachers' learning mathematics as a combination of theory and experiment confirm that this approach elevates one's mathematical understanding to a higher ground. The book not only shows the importance of mathematics content knowledge for teachers but better still, how this knowledge can be gradually developed in the context of exploring grade-appropriate activities and tasks and using computational and manipulative environments to support these explorations. Most of the chapters are motivated by a problem/activity typically found in the elementary mathematics curricula and/or standards (either National or New York State - the context in which the author prepares teachers). By exploring such problems in depth, the teachers can learn fundamental mathematical concepts and ideas hidden within a seemingly mundane problem/activity. The need to have experience in going beyond traditional expectations for learning is due to the constructivist orientation of contemporary mathematics pedagogy that encourages students to ask questions about mathematics they study. Each chapter includes an activity set that can be used for the development of the variety of assignments for the teachers. The material included in the book is original in terms of the approach used to teach mathematics to the teachers and it is based on a number of journal articles published by the author in the United States and elsewhere. Mathematics educators who are interested in integrating hands-on activities and digital technology into the teaching of mathematics will find this book useful. Mathematicians who teach mathematics to the teachers as part of their teaching load will be interested in the material included in the book as it connects childhood mathematics content and mathematics for the teachers.

Mathematics for Elementary Teachers, Illinois Correlation Guide Book

This book is designed for courses in mathematics for instructors who choose to focus on and/or take an activities approach. This book provides inductive activities for prospective elementary school teachers and incorporates the use of physical models, manipulatives, and visual images to develop concepts and encourage higher level thinking. (This text contains activity sets, one corresponding to each section of the companion text, Mathematics for Elementary Teachers: A Conceptual Approach (also by Bennett/Nelson). The Activities Approach text can be used independently or along with its companion volume.)

Mathematics for Elementary Teachers

The tenth edition of Mathematics for Elementary Teachers: A Conceptual Approach continues the innovative time-tested approach of the previous editions: an emphasis on

learning via specific, realistic examples and the extensive use of visual aids, hands-on activities, problem-solving strategies and active classroom participation. Features of the text focus on ensuring that prospective teachers will gain not only a deeper understanding of the mathematical concepts, but also a better sense of the connections between their college math courses and their future teaching experiences, along with helpful ideas for presenting math to their students in a way that will generate interest and enthusiasm. The text draws heavily on Common Core Standards and contains many pedagogical elements designed to foster reasoning, problem-solving and communication skills. Additionally, this text can be packaged with an activity set that corresponds to each section of the companion text, Mathematics for Elementary Teachers: An Activity Approach, also by the Bennett, Burton, and Nelson team. Mathematics for Elementary Teachers: An Activity Approach can be used independently or along with its companion, Mathematics for Elementary Teachers: A Conceptual Approach.

Mathematics for Elementary Teachers with Activities

Mathematics for Elementary Teachers

More than 350,000 students have prepared for teaching mathematics with A Problem Solving Approach to Mathematics for Elementary School Teachers since its first edition, and it remains the gold standard today. This text not only helps students learn the material by promoting active learning and developing skills and concepts--it also provides an invaluable reference to future teachers by including professional development features and discussions of today's standards. The Eleventh Edition is streamlined to keep students focused on what is most important. The Common Core State Standards (CCSS) have been integrated into the book to keep current with educational developments. The Annotated Instructor's Edition offers new Integrating Mathematics and Pedagogy (IMAP) video annotations, in addition to activity manual and e-manipulative CD annotations, to make it easier to incorporate active learning into your course. MyMathLab® is available to offer auto-graded exercises, course management, and classroom resources for future teachers. To see available supplements that will enliven your course with activities, classroom videos, and professional development for future teachers, visit www.pearsonhighered.com/teachingmath

Math for Elementary Teachers: A Conceptual Approach with Manipulative Kit Mathematics for Elementary Teachers

A students activities manual for Elementary school teachers.

Math for Elementary Teachers: An Activity Approach with Manipulative Kit Mathematics for Elementary Teachers

Mathematics for Elementary Teachers, Michigan Correlation Guide Book

This manual provides hands-on, manipulative-based activities keyed to the text. These activities involve future elementary school teachers discovering concepts, solving problems, and exploring mathematical ideas. Colorful perforated, paper manipulatives are bound in a convenient storage pouch. Activities can also be adapted for use with elementary students at a later time. References to these activities are located in the margin of the Annotated Instructor s Edition."

Student Solutions Manual for Mathematics for Elementary Teachers

This book is designed for a mathematics for elementary school teachers course where instructors choose to focus on and/or take an activities approach to learning. It provides inductive activities for prospective elementary school teachers and incorporates the use of physical models, manipulatives, and visual images to develop concepts and encourage higher-level thinking. This text contains an activity set that corresponds to each section of the companion text, Mathematics for Elementary Teachers: A Conceptual Approach which is also by Bennett/Nelson. The Activities Approach text can be used independently or along with its companion volume. The authors are pleased to welcome Laurie Burton, PhD, Western Oregon University to this edition of Mathematics for Elementary Teachers: An Activity Approach.

Mathematics for Elementary Teachers

Overview: Albert B. Bennett, Jr. and L. Ted Nelson have presented hundreds of workshops on how to give future teachers the conceptual understanding and procedural fluency they will need in order to successfully teach elementary-school mathematics. The Eighth Edition of Mathematics for Elementary Teachers: A Conceptual Approach continues their innovative, time-tested approach: an emphasis on learning via specific, realistic examples and the extensive use of visual aids, hands-on activities, problem-solving strategies and active classroom participation. Special features in the text ensure that prospective teachers will gain not only a deeper understanding of the mathematical concepts, but also a better sense of the connections between their college math courses and their future teaching experiences, along with helpful ideas for presenting math to their students in a way that will generate interest and enthusiasm. The text draws heavily on NCTM Standards and contains many

pedagogical elements designed to foster reasoning, problem-solving and communication skills. The text also incorporates references to the virtual manipulative kit and other online resources that enhance the authors' explanations and examples.

Mathematics for Elementary Teachers, A Guide to Problem Solving

The Student Solutions Manual contains detailed solutions to the odd-numbered exercises and Chapter Tests. The introduction offers suggestions for solving problems and for answering the new Writing and Discussion and Making Connections questions in the text. Additional questions and comments have been included at the ends of some of the solutions to give students opportunities to extend their learning.

Mathematics for Elementary Teachers, Physical Manipulative

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

Problem Solving Approach to Mathematics for Elementary School Teachers + Activities Manual + Mymathlab

NOTE: You are purchasing a standalone product; MyMathLab does not come packaged with this content. If you would like to purchase both the physical text and MyMathLab search for ISBN-10: 0321990595/ISBN-13: 9780321990594 . That package includes ISBN-10: 0321431308/ISBN-13: 9780321431301, ISBN-10: 0321654064/ISBN-13: 9780321654069 and ISBN-10: 0321987292//ISBN-13: 9780321987297 . For courses in mathematics for elementary teachers. The Gold Standard for the New Standards A Problem Solving Approach to Mathematics for Elementary School Teachers has always reflected the content and processes set forth in today's new state mathematics standards and the Common Core State Standards (CCSS). In the Twelfth Edition, the authors have further tightened the connections to the CCSS and made them more explicit. This text not only helps students learn the math by promoting active learning and developing skills and concepts--it also provides an invaluable reference to future teachers by including professional development features and discussions of today's standards. Also available with MyMathLab MyMathLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. MyMathLab includes assignable algorithmic exercises, the complete eBook, tutorial and classroom videos, eManipulatives, tools to personalize learning, and more.

Connecting Mathematics for Elementary Teachers

Mathematical Reasoning for Elementary Teachers presents the mathematical knowledge needed for teaching, with an emphasis on why future teachers are learning the content as well as when and how they will use it in the classroom. The Sixth Edition has been streamlined to make it easier to focus on the most important concepts. The authors continue to make the course relevant for future teachers, including the new features like Examining School Book Pages, as well as the hallmark features like Into the Classroom discussions and Responding to Students questions. Activities, classroom videos, and resources for professional development for future teachers are also available at www.pearsonhighered.com/teachingmath

The Mathematics Education of Elementary Teachers

For courses in Math for Future Elementary Teachers. Empowering Tomorrow's Math Teachers Mathematics for Future Elementary Teachers, 5 th Edition connects the foundations of teaching elementary math and the "why" behind procedures, formulas and reasoning so students gain a deeper understanding to bring into their own classrooms. Through her text, Beckmann teaches mathematical principles while addressing the realities of being a teacher. With in-class collaboration and activities, she challenges students to be actively engaged. An inquiry-based approach to this course allows fu.

Mathematics for Elementary Teachers Via Problem Solving

This resource provides hands-on, manipulative-based activities keyed to the text that involve future elementary school teachers discovering concepts, solving problems, and exploring mathematical ideas. These activities can be adapted for use with elementary students at a later time. Colorful, perforated paper manipulatives are provided in a convenient pouch at the back of the manual.

Mathematics for Elementary Teachers, New York Correlation Guide Book

Guide teachers to help all PreK-8 learners make sense of mathematics. Elementary and Middle School Mathematics: Teaching Developmentally illustrates how children learn mathematics, and then shows pre-service teachers the most effective methods of teaching PreK-8 math through hands-on, problem-based activities. As teacher candidates engage with the activities, they boost their own knowledge of the math and learn concrete, developmentally appropriate ways to incorporate problem-based tasks in their classrooms. Examples of real student work and new common challenges and misconception tables allow readers to visualize good mathematics instruction and assessment that supports and challenges all learners. An important reference to consult throughout a teaching career, this book reflects the Common Core State Standards and NCTM's Principles to Actions, as well as current research and coverage of the latest teaching technology. -- Provided by publisher.

Mathematics for Elementary Teachers, Michigan State Guidelines Book

The ninth edition of Mathematics for Elementary Teachers: A Conceptual Approach continues the innovative time-tested approach of the previous editions: an emphasis on learning via specific, realistic examples and the extensive use of visual aids, hands-on activities, problem-solving strategies and active classroom participation. Features of the text focus on ensuring that prospective teachers will gain not only a deeper understanding of the mathematical concepts, but also a better sense of the connections between their college math courses and their future teaching experiences, along with helpful ideas for presenting math to their students in a way that will generate interest and enthusiasm. The text draws heavily on NCTM Standards and contains many pedagogical elements designed to foster reasoning, problem-solving and communication skills. The ninth edition represents a significant step forward in terms of online course management as roughly half of all problems in the text will be assignable through our new online homework platform, Connect Mathematics. In addition, Connect Mathematics will be fully integrated with Blackboard, providing the deepest integration of an online homework and course management system in the market today. Additionally, this text can be packaged with an activity set that corresponds to each section of the companion text, Mathematics for Elementary Teachers: An Activity Approach, also by the Bennett, Burton, and Nelson team. Mathematics for Elementary Teachers: An Activity Approach can be used independently or along with its companion, Mathematics for Elementary Teachers: A Conceptual Approach.

Topics in Mathematics for Elementary Teachers

This guide contains hints and complete solutions for all of Part A problems in the text Mathematics for elementary teachers by Gary L. Musser, Blake E. Peterson, William F. Burger. This text is designed to help you improved your problem-solving ability by providing hints to get you started on each problem as well as a complete solution that model one correction solution for a problem in each topic.

A Problem Solving Approach to Mathematics for Elementary School Teachers

Using a highly interactive approach, Sonnabend provides insight into the underlying concepts of elementary school mathematics. The text includes coverage of problem-solving, reasoning, sets, arithmetic, geometry, measurements, algebra, computers, statistics, and probability. Sonnabend's well-organized lesson format encourages students to participate in the development and explanation of concepts establishing a solid understanding of mathematics.

A Problem Solving Approach to Mathematics for Elementary School Teachers, Loose-Leaf Edition

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

Mathematics for Elementary School Teachers

Mathematics for Elementary Teachers with Activities, Books a la Carte Edition

This package includes a copy of ISBN 9781118457443 and a registration code for the WileyPLUS course associated with the text. Before you purchase, check with your

instructor or review your course syllabus to ensure that your instructor requires WileyPLUS. For customer technical support, please visit http://www.wileyplus.com/support. WileyPLUS registration cards are only included with new products. Used and rental products may not include WileyPLUS registration cards. This book establishes a solid math foundation for future teachers. Thoroughly revised with a clean, engaging design, the new 10th Edition of Musser, Peterson, and Burgers best-selling textbook focuses on one primary goal: helping students develop a deep understanding of mathematical concepts so they can teach with knowledge and confidence.

Mathematics for Elementary School Teachers

Mathematics for Elementary School Teachers is designed to give you a profound understanding of the mathematical content that you are expected to know and be able to teach. The chapters integrate the National Council of Teachers of Mathematics (NCTM) Standards and Expectations and the new Common Core State Standards, as well as research literature. The five NCTM Process Standards of problem solving, reasoning and proof, communication, connections, and representation highlight ways that teachers present content, the ways that students learn content, and various ways that students can demonstrate procedural and conceptual understanding. The worked examples and homework questions provide prospective elementary school teachers with opportunities to develop mathematical knowledge, understanding, and skills that they can apply in their own classrooms effectively. The learning path begins with the Where Are We Going? Chapter Openers, worked Examples with Yellow Markers that indicate the Process Standards throughout the text, to the Concept Maps, to the Section Question Sets with their refreshers of Process Standards, to the Chapter Organizers with Learning Outcomes and a list of the corresponding Review Questions, and finally, conclude at the Chapter Tests with their overarching Learning Outcomes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Mathematics for Elementary Teachers: A Contemporary Approach 10e Student Activity Manual

This multi-component learning system for prospective elementary-level teachers uses student activities-and the problem-solving strategies they employ-as the heart of its curriculum. Its Student Activity Book is designed to be used during class and to provide contexts through which students make sense of mathematical ideas. Supporting the activity book are a Student Resource Book and an Instructor's Guide.

Investigations in Mathematics for Elementary Teachers

This book establishes a solid math foundation for future teachers. Thoroughly revised with a clean, engaging design, the new Tenth Edition of Musser, Peterson, and Burger’s best-selling textbook focuses on one primary goal: helping students develop a deep understanding of mathematical concepts so they can teach with knowledge and confidence. The components in this complete learning program—from the textbook, to the e-Manipulative activities, to the Children’s Videos, to the online problem-solving tools, resource-rich website and Enhanced WileyPLUS—work in harmony to help achieve this goal. WileyPLUS sold separately from text.

Mathematics Activities for Elementary Teachers

MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS, 7th Edition, helps students develop a deep understanding of the math they will be teaching as elementary school teachers. Examples, investigations, and explorations demonstrate that there are many paths to solving a problem, and that sometimes problems have more than one solution. The text's conversational style, images, and illustrations help students "see" and master the math concepts being taught.

Mathematics for Elementary Teachers

This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels: Highlights algebraic concepts throughout the text and includes additional supporting information. Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor. Focuses on solid mathematical content in an accessible and appealing way. Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind. Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.

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