

Name:		Date:	
Topic:		Class:	
Main Ideas/Questions	Notes		
WARM-UP	1. If $ x = 7$, what are the possible values of x ?		
	2. If $ x = -4$, what are the possible values of x ?		
Steps to solve ABSOLUTE VALUE EQUATIONS	①	ISOLATE the absolute value expression.	
	②	CREATE TWO CASES. Set the "inside" equal to both the positive and negative value of the number on the opposite side of the equal sign.	
	③	SOLVE both equations.	
	④	CHECK for extraneous solutions.	
What are Extraneous Solutions?			
EXAMPLES	Solve each equation. Be sure to check for extraneous solutions.		
	3. $ x - 12 = 3$	4. $3 = 2x + 7 $	
	5. $ x - 1 + 17 = 20$	6. $2 x + 8 + 39 =$	
	7. $16 x - 5 = -32$	8. $\frac{ x - 10 }{-2} = -6$	

Performance Tasks Unit 2 Equations And Inequalities

R Sanford



Performance Tasks Unit 2 Equations And Inequalities:

PISA Equations and Inequalities Making Mathematics Accessible to All OECD,2016-06-20 More than ever students need to engage with mathematical concepts think quantitatively and analytically and communicate using mathematics All these skills are central to a young person s preparedness to tackle problems that arise at work and in life beyond the classroom *Resources in Education* ,1990 *Research in Education* ,1974 **Directory of Distance Learning Opportunities** Modoc Press, Inc.,2003-02-28 This book provides an overview of current K 12 courses and programs offered in the United States as correspondence study or via such electronic delivery systems as satellite cable or the Internet The Directory includes over 6 000 courses offered by 154 institutions or distance learning consortium members Following an introduction that describes existing practices and delivery methods the Directory offers three indexes Subject Index of Courses Offered by Level Course Level Index Geographic Index All information was supplied by the institutions Entries include current contact information a description of the institution and the courses offered grade level and admission information tuition and fee information enrollment periods delivery information equipment requirements credit and grading information library services and accreditation **Resources in Education** ,1997 **Handbook of Industrial Engineering Equations, Formulas, and Calculations** Adedeji B. Badiru,Olufemi A. Omitaomu,2010-09-17 The first handbook to focus exclusively on industrial engineering calculations with a correlation to applications Handbook of Industrial Engineering Equations Formulas and Calculations contains a general collection of the mathematical equations often used in the practice of industrial engineering Many books cover individual areas of engineering **Aligning and Balancing the Standards-Based Curriculum** David A. Squires,2004-09-22 Full of field tested implementation tools this comprehensive handbook shows how schools and districts can use the Balanced Curriculum process to put their schools on the track to success *A Guide for Individualizing Investigating School Mathematics* ,1973 **Competency-Based Education** Rose L. Colby,2019-01-02 Competency Based Education introduces educators to a new model for anytime anywhere schooling and provides tools and curriculum resources for redesigning the traditional structures of K 12 schools Based on pioneering work across multiple states the book shows how educators can design central elements of competency based education including performance tasks personal learning plans and grading systems to meet the needs and interests of all students Rose L Colby provides critical tools for creating these elements in collaborative teams and engaging stakeholders such as educators parents and community members The book incorporates case studies and voices from the field and examines the variety of competency models that schools have adopted highlighting the benefits for students Competency Based Education provides a much needed resource at a time when states districts and schools are working to implement competency based models and experimenting with new accountability systems that include evidence of learning beyond standardized tests *Evaluation and Assessment in Mathematics Education* David F. Robitaille,1989 **The Macmillan Guide to Correspondence Study**

Modoc Press,1996 Supercomputing Research Advances Yongge Huáng,2008 Supercomputers are used for highly calculation intensive tasks such as problems involving quantum mechanical physics weather forecasting climate research including research into global warming molecular modelling computing the structures and properties of chemical compounds biological macromolecules polymers and crystals physical simulations such as simulation of aeroplanes in wind tunnels simulation of the detonation of nuclear weapons and research into nuclear fusion cryptanalysis and the like Major universities military agencies and scientific research laboratories are heavy users This book presents the latest research in the field from around the world *Scientific and Technical Aerospace Reports* ,1995 Combine Harvesters Petre Miu,2015-08-18 From Basic Fundamentals to Advanced Design ApplicationsA culmination of the author s more than 20 years of research efforts academic papers and lecture notes Combine Harvesters Theory Modeling and Design outlines the key concepts of combine harvester process theory and provides you with a complete and thorough understanding of combine harvest **Monthly Catalogue, United States Public Documents** ,1980 **Monthly Catalog of United States Government Publications** United States. Superintendent of Documents,1968 **The Math We Need to Know and Do in Grades PreK-5** Pearl Gold Solomon,2006-06-14 I will be quoting many of the key points presented in the book often to others in my school Carol Amos Teacher Leader Mathematics Coordinator Twinfield Union School Plainfield VT A wonderful resource for readers who will be developing curriculum and lessons Each content branch is clearly explained and has examples for easy development Professionals will be able to easily build further examples Joseph DiGarbo Teacher Mohegan Elementary School Uncasville CT Makes a distinct contribution to the field of mathematics explaining in clear language the relevance of the various concepts as they apply to elementary mathematics curricula Melissa Miller TeacherRandall G Lynch Middle School Farmington AR Strengthen your math instruction and assessments with these standards based learner friendly tools This updated and expanded new edition provides elementary math teachers with a step by step approach to planning standards based curriculum instruction and now assessment too Pearl Gold Solomon covers the essential concepts and skills defined by the National Council of Teachers of Mathematics NCTM using a simple to follow matrix that aligns activities and problems for the classroom with specific NCTM standards and then provides appropriate assessments for each An essential handbook for grades PreK 5 it provides detailed guidance sample activities problems and assessments all grade appropriate and ready to use Highlights include a rubric test specifications other assessment resources suggestions for working with manipulatives calculators educational software and graphics programs and Web sites Teachers will find this invaluable when they Review their own knowledge of mathematical concepts Plan curriculum for a specific lesson grade level or an entire school Respond to individual conceptual or procedural challenges among their learners Assess student knowledge both formally and informally As always Solomon turns confusing pedagogy into accessible instruction giving new teachers clarity and experienced teachers a base that can easily be built upon This is an indispensable resource for instructional leaders

district planners staff developers math coaches and individual teachers seeking to enhance their instructional repertoire

Supply Chain Analytics Peter W. Robertson, 2025-09-03 Supply Chain Analytics second edition introduces the reader to data analytics and demonstrates the value of its effective use in the improvement of supply chain SC process performance. By describing four key SC processes and illustrating through worked examples how the descriptive predictive and prescriptive analytic methods can be applied to enhance those processes, this book presents a more comprehensive learning experience for the reader than has been offered previously. Key topics and issues are addressed including the capriciousness of modern SC operating environments, the imperative of SC sustainability, the need for heightened SC risk management, the building of SC resilience, the pursuit of SC optimisation and the use of big data, data mining, cloud computing, machine learning, artificial intelligence, AI, and importantly the social issues confronting SC analysts in carrying out their work. The author identifies four core SC processes: strategy, design, execution, and people, to which the analytic techniques explained can be applied to ensure continuous performance improvement and the growth of competitive advantage. Pedagogy to aid learning is incorporated throughout, including an opening section for each chapter explaining the intended learning outcomes, worked examples illustrating how each analytic technique works, how it is applied, and what to be careful of, tables, diagrams, and equations to help visualise the concepts and methods covered, end of chapter case studies, review questions, and assignment tasks. Providing both management expertise and technical skills which are essential to decision makers in the SC, this textbook is an essential reading for advanced undergraduate and postgraduate students of SC analytics, SC leaders, and SC operations management professionals. Its practice-based and applied approach also makes it valuable for teaching academics, organisational trainers and coaches, operating SC practitioners, and those pursuing professional qualifications. Online resources include chapter-by-chapter PowerPoint slides, tutorial exercises, written assignments, worked examples using Excel, and a test bank of exam questions.

Project Management Adedeji B. Badiru, 2019-05-29 The goal of the new edition is to continue with a systems view of the world. For a more robust and worldwide market dissemination, the new edition has changed to a reference book. The project systems approach to project management is needed in executing projects across countries and across cultures, which is a crucial requirement in today's globalized and intertwined economics. The book uses ample graphical representations to clarify the concepts and techniques presented. The case examples help to reinforce the topics covered. Several illustrative examples and practice exercises are included. Each chapter is updated, and new chapters include Project Simulation and Project Templates. A new chapter on managing complex projects in an age of artificial intelligence adds a unique value to the book. Features: Highlights contemporary best practices of project management. Uses a systems framework to integrate quantitative and qualitative tools. Offers illustrative examples and practice exercises. Covers project schedule performance appraisal techniques. Discusses the knowledge areas contained in the Project Management Book of Knowledge (PMBOK). Presents software applications for project management as well as case examples. **Florida**

Preparing for FCAT Mathematics Kay Williams, 2000

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