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The Pre-Algebra online course helps you develop key numeracy skills and numerical techniques foundational for students to master. View our CLASSROOM or learn more below and start your Pre-Algebra COURSE ACCESS Start Your Pre-Algebra Course Access The Pre-Algebra course develops students numerical skills and thus confidence for daily life and as a foundation for all future Math courses. Students should have at least basic experience with using numbers before taking this course which focuses on numeracy concepts and techniques so students will soon be ready for algebra. View the CLASSROOM. What Does the Pre-Algebra Online Course Cover? The topics in the Pre-Algebra curriculum are Numbers, Factors & Radicals, Scientific notation. The Pre-Algebra online course can be used to help students learn these topics for the first time or as review using our on-demand videos. So, its like having your own Pre-Algebra tutor available whenever you need support, 24/7. View the full Pre-algebra online course SYLLABUS. What Will I Learn in This Course? Firstly, students will develop core numeracy skills which can then be used to solve a range of Math problems now and in future Math courses. Secondly, students will gain skills which will later make the transition to algebra 1?The Pre-Algebra online course focuses particularly on mastering numerical skills which students should have in place before moving onto Algebra 1. Algebra 1 is the perfect course for students who are new to algebra teaches students skills as an important foundation for all future Math courses. Certainly the next step from Pre-Algebra course, which supports students learning algebra for the first time. Start Your Pre-Algebra Courses in the ALGEBRA TO PRECALCULUS bundle to easily review older topics or jump ahead. These courses are designed to work together and will help students master key Algebra and Trigonometry skills while getting ready for Calculus. The courses included are Pre-Algebra, Algebra 2, Solving Equations, Trigonometry and Precalculus. The courses included are Pre-Calculus - Learn More About: This is a simulation of a real pre-employment assessment test. This test consists of 12 basic math skills questions with a time limit. You are always able to skip a question and return to it later. Use the navigation bar to see what questions have been left unanswered and to return to them at any time you want. Note: After the test is complete, you must answer some questions about yourself before you can view your results and review the test is complete, you must answer some questions. The data we gather on you is used for anonymous research. We will not ask for your e-mail or other contact details. When you are ready, click "Begin" to start the test. Share copy and redistribute the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the license as the original. No additional restrictions You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation. No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. If you wantpre algebraworksheetsfor different grades, depending upon the level of complexity, you are at the right platform. Just download and start practicing!What is Pre-Algebra? Pre-Algebra is a mathematics course that teaches students about the equations, inequalities, percentage and fractions, graphs, and probabilities. This comprises the firstmathscourse in high school. Pre- Algebra is mostly taught in the 7thand 6thgrade. Basic Algebra Worksheets If you are struggling with pre-algebra, let me tell you the key to master it. You need to practice a lot of questions, ranging from easy to hard problems. In the basic algebra Worksheets here, you will get ample practice worksheets start with some basic problems and then gradually advance towards more advanced problems. So, you get an overview of all the types of questions. In addition to all this, you get the answer sheets along with them so that you can evaluate yourself and check the extent of correctness. This will definitely help you improve while solving problems and also checking them at the same time. PDFPrintable Linear Algebra WorksheetsPre Algebra majorly consists of the linear algebra part. This part is considered a bit hard by students. But trust me; this is the most interesting part at the same time. So, practice the problems from this part. Printable worksheets along with their answer sheets are available here. You can print and use them anytime. PDFPre-Algebra Worksheets 5th GradePre-algebra starts in the 5th standard. To get the mathematics problem sets for the 5th standard level, get them here. The problem statements in the 5th-grade worksheets are the easiest and the students will easily solve them if they understand the basics.PDFPre-Algebra Worksheets 6th GradeThe problem statements in the 6th-grade worksheets test the students' understanding of the concepts. These questions are based on the syllabus and the topics of pre-algebra for the 6th-grade students. You can print them all along with the answers to evaluate and improve yourself.PDFPre-Algebra Worksheets 7th GradeThe questions in the 7th-grade worksheets are strictly based on the pre-algebra topics covered in the 7th grade and the level of problems range from different levels of complexity possible. Solving all these worksheets PDFYou can all these worksheets for different grades in the PDF form. All you need to do is download these worksheets in PDF format. Then you can print them and use them for practicing and improving your skills.PDF Template 3PDF Templ your ongoing attention. Each Pre-Algebra problem is tagged down to the core, underlying concept that is being tested. The Pre-Algebra diagnostic test results to create a personalized study plan that is based on your particular area of need. Pre-Algebra is a course usually taken by middle-school students as a prerequisite to Algebra I. Pre-Algebra familiarizes students with concepts that Algebra I looks at in more detail. Many Algebra I courses assume that students have taken some sort of Pre-Algebra course and thus do not spend a lot of time on teaching and reviewing Pre-Algebra concepts, so Pre-Algebra is highly suggested, or often required, as a prerequisite for Algebra I courses. Pre-Algebra classes often start off by introducing students to integers and different types of numbers, including real numbers, irrational numbers, as well as to the concept of absolute value and how to use a number line in representing different values Pre-Algebra may then address operations and properties, covering the basic mathematical operations, and division) while introducing the concept of order of operations. Students learn about the different properties governing the way in which equations are solved, including, but not limited to, the commutative and associative properties of addition and multiplicative inverse property, the additive inverse property, the additive inverse property, the additive inverse property, the multiplicative inverse property, the additive inverse property, the multiplicative inverse property, the additive inverse property, the multiplicative inverse property, the multiplicative inverse property. adding, subtracting, multiplying, and dividing polynomials in order to solve them, and also stresses the power rule and product rule of exponents. Once a Pre-Algebra class has helped students gain a good basic understanding of numbers, operations, and properties, the concepts are combined as they learn about algebraic equations. Courses first introduce one-step equations before proceeding to two-step equations. Pre-Algebra equations are not usually introduced until Algebra I, but integers, fractions, and decimals may be added to equations in order to refresh students understanding of these concepts and make problems more challenging. Students also learn how to write and solve equations based on word problems that have one or two unknowns. Pre-Algebra courses also familiarize students with graphing in preparation for more advance math classes. Students learn how to work simple problems involving lines and points on the coordinate plane, as well as how to analyze information presented in the form of figures and graphs. Pre-Algebra finally introduces students to basic geometric concepts, focusing on the calculation of perimeter, area, and volume for a variety of simple two-dimensional and three-dimensional shapes. The Pre-Algebra concepts outlined above provide students with the groundwork to understand the topics discussed in later math classes like Algebra I, Algebra II, Geometry, Pre-Calculus, and Calculus. For this reason, its important that students understanding or lack of understanding will only cause problems that will be compounded in future courses, making those courses much more difficult than they would otherwise be. Reviewing Pre-Algebra concepts is thus a great strategy for students to ensure that their mathematical understanding is developing as needed for success in common math curricula. Varsity Tutors free Pre-Algebra Concepts while taking courses, or they can refresh these concepts after completing Pre-Algebra. Each twelve-question, multiple-choice test offers statistics of students scores, including full explanations for each problem. Concepts are organized in Practice Tests, which draw from each Pre-Algebra topic and create a comprehensive review; questions can also be organized by concept, allowing students to focus just on concepts they personally do not understand. By making the most of the free Pre-Algebra resources offered by Varsity Tutors, students can study what they need to study it, setting themselves up for success in Pre-Algebra and more advanced math classes. Our completely free Pre-Algebra resources offered by Varsity Tutors, students can study what they need to study it, setting themselves up for success in Pre-Algebra and more advanced math classes. Our completely free Pre-Algebra resources offered by Varsity Tutors, students to focus just on concepts they personally do not understand. Algebra practice tests are the perfect way to brush up your skills. Take one of our many Pre-Algebra practice tests for a run-through of commonly asked questions. You will receive incredibly detailed scoring results at the end of your Pre-Algebra practice tests now and begin! The free Pre-Algebra Practice Tests are part of the comprehensive study material available from Varsity Tutors Learning Tools that you may find useful as you study the subject. You will find hundreds of concept-specific practice tests on essential topics, including algebraic equations, geometry, graphing, number theory, operations and properties, perimeter, polynomials, volume, word problems, and many more. In addition, youll have access to several Full-Length Practice Tests that cover all of the essential pre-algebra tutors in Omaha, working with a pro may take your studies to the next level. The Full-Length Pre-Algebra Practice Tests consist of 40 multiple-choice questions and are tagged with a difficulty rating to allow you to determine the most comfortable starting point for you as you work towards advanced skills. After completing the test, you will be provided with incredibly detailed performance feedback. You will be able to view each question, your answer, and a full explanation of the correct answer. If you require further help on a question to learn more. The questions are tagged with each concept utilized so that you can drill down into the relevant concepts even further, if you desire You will also be able to see how your performance compares to that of previous test-takers. One fun aspect of the tests is the ability to share your results via social media. This makes competing with your self-paced study, or you may want to consider aPre-Algebra studies. You can develop your feedback, you will be able to determine the best starting place for your pre-algebra studies. You can develop your own study plan using the variety of Pre-Algebra to determine the best starting place for your pre-algebra to determine the best starting place for your place information on each concept. In addition, there are more than a thousand flashcards that are categorized by concept, and if you chooses a different random question from the pre-algebra study material each day. Making a point to answer the question each day provides a quick review and serves as a reminder to continue your studies. In addition to the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Flashcards. After brushing up your skills on a particular concept, visit one of the shorter, concept-specific tests to check your knowledge. You will receive the same valuable feedback on the shorter tests as you do on the Full-Length Pre-Algebra Tests. These tests generally contain a handful of questions that can be completed in just a few minutes. The online Pre-Algebra Tests are also ranked by difficulty so that you can work toward mastering more difficult concepts. After completing the test and reviewing your feedback, you can then decide if you are ready to move forward in your pre-algebra study plan or to review the concept further. Varsity Tutors Learning Tools are meant to work together to create a well-rounded study guide to keep you focused and on-track with your pre-algebra preparation. You can track your progress to ensure that you meet your goals and see your achievements as you progress through the concepts. The wealth of free pre-algebra skills. Moon Certified Tutor George Mason University, Bachelor of Science, Electrical Engineering, Chemical Engineerin choice pre-algebra questions to help you assess your skills and abilities in the following topics: order of operations, integers, decimals, fractions and Mixed Numbers, numbers (divisibilty, factors, prime, greatest common multiplr (lcm)), scientific notation, positive exponents, square Root, ratios, proportions, percentages basic statistics (mean, median and mode), slope of a line (parallel and perpendicular lines) and applications. Evaluate. 72 - 9 3 2 + 2 = A) 21 B) 23 C) 44 D) 68 E) 74 Detailed Solution. In scientific notation, 3.0 10-5 + 0.0000022 = A) 3.5 x 10-5 B) 3.22 x 10-5 C) 5.2 x 10-6 D) 3.5 x 10-6 E) 5.2 x 10-11 Detailed Solution. If is calculated and the fraction obtained reduced to simplest form, then what is its numerator? A) 12 B) 8 C) 7 D) 6 E) 3 Detailed Solution. A shop owner increased the selling price of a shirt from \$20 to \$26. By what percentage was the price increased? A) 6 B) 26 C) 30 D) 46 E) 60 Detailed Solution. 3/4+0.85+20% = A) 27.85 B) 1.8 C) 23.85 D) 2.85 E) 21.6 Detailed Solution. Tom worked for 6 hours and was paid \$5.50 per hour. He then went shopping and bought two magazines at \$9.50 each and a pen at \$8.25. How much money does Tom have left? A) \$60.25 students is 120. How many students are 8 years old or younger? A) 80 B) 160 C) 480 D) 320 E) 740 Detailed Solution. 1/5 of students in a school have more than 1 brother or sister? A) 60 B) 80 C) 48 D) 20 E) 45 Detailed Solution. A car hire company offers two plans A and B. In plan A, a customer pays a flat fee of \$20 for the day plus 5 cents for each kilometer. For how many kilometers would a customer pay the same amount for the two plans? A) 1000 B) 800 C) 242 D) 400 E) 250 Detailed Solution. D B C A C B E D A C E A B C E C D D A E B A The Math Tutor educational software series has transformed math learning for thousands of high school and middle school students with compelling visual aids to enrich the learning experience. Students work at their own pace building skills and confidence one step at a time. Educators agree that the Math Tutor series to be ideal. Parents wanting homeschool math learning and tutorial software will also find the series to be ideal. Schools, families, and individuals alike have found the Math Tutor series to offer the best math educational teaching software available anywhere. The series is also effective for remedial and developmental math instruction. The subject of pre-algebra tutorial software program helps students master the concepts of pre-algebra and build proficiency in problem solving. It will give students outstanding preparation for the math courses to come. Each of the subjects that follow pre-algebra 1, geometry, algebra 2, trigonometry, and calculus - is given outstanding, comprehensive treatment by other programs in the series. For example, Algebra 1 in the "Concepts and Skills Series" will help students learn the concepts of elementary algebra, and basic problems of intermediate and advanced difficulty. Educators have noted how the programs in the series will help students build mastery in solving problems of intermediate and advanced difficulty. Educators have noted how the programs in the series will help students build mastery in solving problems of intermediate and advanced difficulty. in the Math Tutor series help students learn from their mistakes. Specially designed tutoring features help students achieve a deep understanding of key math concepts and gain the confidence so critical for success in math. Additional titles in the Math Tutor series include SAT/ACT Math, and Learning Business Math. "Students often struggle with." 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Mrs. Ernesta Wallace9th Grade Math TeacherColumbia, MO "Your series embodies the best in educational software. It is a remarkable resource for math educators!" Ms. Barbara CoxEducational Consultant and ReviewerMilwaukee, WI Take the Varsity Learning Tools free diagnostic test for Pre-Algebra to determine which academic concepts you understand and which ones require your ongoing attention. Each Pre-Algebra problem is tagged down to the core, underlying concept that is being tested. The Pre-Algebra diagnostic test results to create a personalized study plan that is based on your particular area of need. Pre-Algebra is a course usually taken by middle-school students as a prerequisite to Algebra I. Pre-Algebra familiarizes students with concepts that Algebra I looks at in more detail. Many Algebra I courses assume that students with concepts so Pre-Algebra is highly suggested, or often required, as a prerequisite for Algebra I courses. 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Once a Pre-Algebra class has helped students gain a good basic understanding of numbers, operations, and properties, the concepts are combined as they learn about algebraic equations. Courses first introduce one-step equations before proceeding to two-step equations typically feature only one variable, as two-variable equations in order to refresh students understanding of these concepts and make problems more challenging. Students also learn how to write and solve equations based on word problems that have one or two unknowns. Pre-Algebra courses also familiarize students with graphing in preparation for more advance math classes. Students learn how to work simple problems involving lines and points on the coordinate plane, as well as how to analyze information presented in the form of figures and graphs. 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You will receive incredibly detailed scoring results at the end of your Pre-Algebra practice tests for a run-through of commonly asked questions. You will receive incredibly detailed scoring results at the end of your Pre-Algebra practice tests for a run-through of commonly asked questions. Algebra practice tests now and begin! The free Pre-Algebra Practice tests on essential topics, including algebraic equations, geometry, graphing, number theory, operations and properties, perimeter, polynomials, volume, word problems, and many more. In addition, youll have access to several Full-Length Practice Tests that cover all of the essential pre-algebra tutors in Omaha, working with a pro may take your studies to the next level. The Full-Length Pre-Algebra Practice Tests consist of 40 multiple-choice questions and are tagged with a difficulty rating to allow you to determine the most comfortable starting point for you as you work towards advanced skills. After completing the test, you will be provided with incredibly detailed performance feedback. You will be able to view each question, your answer, and a full explanation of the correct answer. If you require further help on a question, you can click on the link provided with the question, you can click on the link provided with the question to learn more. The question to learn more and a full explanation of the correct answer, and a full explanation to learn more. you desire. You will also be able to see how your performance compares to that of previous test-takers. One fun aspect of the tests is the ability to share your results via social media. This makes competing with your selfpaced study, or you may want to consider aPre-Algebratutor. Once you have reviewed your feedback, you will be able to determine the best starting place for your pre-algebra tudies. You can develop your own study plan using the variety of Pre-Algebra Learning Tools available. The Learn by Concept tool operates as an interactive syllabus that provides links to information on each concept. In addition, there are more than a thousand flashcards that are categorized by concept, and if you choose, you can build your own with the custom flashcard creator. The Question of the Day chooses, you can build your own with the custom flashcard creator. The Question of the Day chooses, you can build your own with the custom flashcard creator. The Question of the Day chooses a different random question from the pre-algebra study material each day. Making a point to answer the question each day provides a quick review and serves as a reminder to continue your studies. In addition to the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider taking some of our Pre-Algebra Question of the Day and Algebra tutoring, you may also want to consider the Day and Algebra tutoring and the Day and Algebra knowledge. You will receive the same valuable feedback on the shorter tests as you do on the Full-Length Pre-Algebra Tests. These tests generally contain a handful of questions that can be completed in just a few minutes. The online Pre-Algebra Tests are also ranked by difficulty so that you can work toward mastering more difficult pre-Algebra Tests. concepts. After completing the test and reviewing your feedback, you can then decide if you are ready to move forward in your pre-algebra study plan or to review the concept further. Varsity Tutors Learning Tools are meant to work together to create a well-rounded study guide to keep you focused and on-track with your pre-algebra preparation. You can track your progress to ensure that you meet your goals and see your achievements as you progress through the concepts. The wealth of free pre-algebra study plan that can help you as you work toward mastering your prealgebra skills. Benjamin Certified Tutor Goddard College, Bachelor in Arts, English Composition. Goddard College, Master of Science, Electrical Engineering. Neha Certified Tutor Arizona State University, Bachelor of Science, Systems Engineering. Last Updated on beats 70 times a minute. At this rate, how many times does her heart beat in an hour? 1400 4200 6400820036006. 9(x + 3)(2x + 5) = 7x + 228x + 222x + 8 - 7x + 11 - 9x + 5 7. Find 25% of 840 110 210 410 510 6108. Which of the following is the area of the square shown to the right? 30 60 210 213 NOTA9. The least common multiple of 20 and 12 is a final 10 20 40 60 12010. The difference of a number n and the number 8 is 42. Which of the following equations represents this statement? n 8 = 42 n + 8 = 42 n Employment Verification Letter for Court is an official document written by an employer that confirms a current or past employees job status. Courts often... A compassionate release of an incarcerated individual due to extraordinary... A Victim Impact Statement is a powerful personal account delivered by a victim, or their loved ones, to a court at the time of sentencing.... 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It is... When announcing a new partnership, a well-crafted letter can be a powerful tool for informing stakeholders and the public about the collaboration. This kind of... Creating impactful volunteer letters is vital for nonprofits to engage, appreciate, and retain volunteers. This guide provides templates for various types of volunteer letters, an... Announcing fee changes to clients or customers requires clear and considerate communication. This guide provides a free template for announcing fee changes, along with a... Writing an academic conference invitation letter is key to and firm approach. This guide provides a free template for such a... With our courses youll learn Math online, feel empowered, build skills and confidence, and reduce anxiety. We help students connect key ideas and set realistic and achievable goals. Stay on track and get ready to see nice work on your next assignment. Lets be real for a moment, Math takes some effort and I would never claim to make it easy if only I had such magical powers! But having taught hundreds of students in person and thousands of students online I know the common pain points and have carefully designed these courses to help you overcome them. Watch the instructional videos, work the practice problems and your skills and confidence will grow quickly. And if youre not sure about anything, just ask, Im here to support you when you need it. Our courses cover material from Pre-Algebra to Calculus and have been designed to help you build the skills you need it. worksheets and other learning resources. A My Maths Guy subscription is like having your own personal Math tutor at hand whenever you need help. We design our courses around standard curriculums so you can be sure that our programs connect to your classwork. We believe that Math is a skill that needs to be practised. So our courses contain PDF worksheets with over 3,000 carefully selected practice questions and full step-by-step solutions. Course bundles give you flexibility by grouping courses together so you can easily review older material or jump forward. Our first bundles give you flexibility by grouping courses together so you can easily review older material or jump forward. related topics. Weve grouped our courses so that students can easily review related to each other and of a similar level. We dont believe in giving content which may not be useful for many years. Our course bundles are designed around Pre-Calculus and Calculus courses. Working through our bundles will transform your Math skills. Each course offers a group of related classes, each class offers a new technique, add those together and youve got a lot of new skills! Our one day Math courses will help transform your skills and confidence quickly. Perfect if you need to prep for a test, find a topic challenging or missed an important class. These courses offer lifetime access to support you whenever you need it. By mastering a handful of key techniques you can apply them to solve a wide range of question types get ready to watch your confidence grow! We hope that our content will be enough to help you reach your goals. But if you need more support you can reach out to us at any time. DESCRIPTION PRE-ALGEBRA is a highly acclaimed The program is based on a new understanding of the ways in which students grasp math concepts and build proficiency in problem-solving skills. The result is a program that transforms math learning in pre-algebra, and lays a solid foundation for algebra and future math courses. Students receive personalized on-demand coaching and hints as they learn. Parents seeking homeschool pre-algebra tutorial and learning software will find the program to be perfectly suited to their needs Schools seeking will find the program to be ideal. Why has PRE-ALGEBRA been so successful in helping students learn and master pre-algebra? Highly interactive lessons that engage students discover the patterns that underlie pre-algebra and mathematics as a whole. Carefully chosen practice problems that reinforce the concepts of pre-algebra and show its many applications. And personalized lessons tailored to common Core math Grade 8 standards, which includes complete coverage of math concepts and applications. PRE-ALGEBRA is also available in a version aligned to Common Core math Grade 8 standards, which includes complete coverage of math concepts and applications. is research-based and has been acclaimed for its educational excellence and flexibility. It can be used for self-study and to supplement classroom instruction in high school and middle school math classes. The program also contains diagnostic and assessment tests that measure student skills and provide a study plan customized for each student. Examples and pre-algebra problem solving exercises progress gradually from the simpler to the more challenging, allowing students to build their skills and confidence. Detailed step by step explanations are provided for each problem. Designed by math educators and in accordance with math curriculum standards, the program is also effective when used as software for remedial and developmental math teaching. Award-winning, curriculum-based pre-algebra courseware developed by math educators Provides dynamic, interactive pre-algebra lessons that are ideal for self-study, and as a supplement to classroom instruction Demonstrated success in boosting students' math skills and comprehension, and proficiency in problem solving Network versions contain student record-keeping, grading, and performance analysis features AVAILABLE FOR WINDOWS Windows 10/11 PRICING Single User Version: \$49.95 Network/Site License Version: \$49.95 Network/Site Licens Numbers Place Value Ordering Numbers Rounding Whole Numbers Adding Whole Numbers Multiplying By 1-Digit Numbers Multiplying By 1-Digit Numbers Multiplying By Whole Numbers Multiplying By Whole Numbers Word Problems Other Operations Using Whole Numbers Adding and Subtracting Fractions and Mixed Numbers Fractions and Mixed Numbers Fractions Adding Fractions Adding Fractions and Mixed Nos. Subtracting Fractions and Mixed Nos. Multiplying and Dividing Fractions and Mixed Nos. Subtracting Fractions and Mixed Nos. Subtracting Fractions and Mixed Nos. Multiplying and Dividing Fractions and Mixed Nos. Subtracting Fractions and Mixed Nos. Subtracting Fractions and Mixed Nos. Subtractions and Mi Mixed Numbers Multiplying Fractions Multiplying Fractions Multiplying Fractions Multiplying Fractions Multiplying Decimal Numbers Dividing Fractions Multiplying Fractions Multiplying Decimal Numbers Dividing Fractions Multiplying Fractions Mu Measurement Word Problems Inequalities Simple Inequalities Solving Inequalities Customer Ratings 4.8 / 5 stars (9 reviews) The MathTutor pre-algebra program is simply wonderful. Our daughter is understanding and enjoying math after years of struggling. Ms. Rachel Clarins Detroit, MI 05/31/2018 Thank you for your wonderful software! Math has always been a liability for me and I did poorly in pre-algebra when I was in high school (years ago). I've taken your pre-algebra course and feel prepared for the math courses I'll be taking when I returning to college this fall. Mrs. R. Shipley Tacoma, WA 08/11/2019 The MathTutor series is remarkable. We purchased pre-algebra and the other titles and we're so glad our son's teacher recommended it. My only wish is for a version in Italian. Mr. Carlo Signorelli Asheville, NC 03/06/2019 The graphics and animation in pre-algebra are stunning. The tutorials are superb and far more effective than anything else I've tried. Troy Goodman Huntington, NY 03/03/2018 I felt my son had the potential to do well in math, but he seemed to lack motivation. We purchased your pre-algebra program and we're thrilled with the results. Now he does his math homework first and he's getting and A. We're very pleased! Robert Hollis Fort Wayne, IN 09/21/2018 In elementary school our son did poorly in math, and we worried because he wanted to be an engineer Pre-Algebra is a wonderful program. It gave him confidence and his grades are better than we ever expected. Madeline Long Riverside, CA 05/28/2019 I work at a tutoring lab and have heard students comment on how much your Pre-Algebra program has helped them. We are planning to purchase all of the remaining programs in your series. Thank you for an excellent software program. Ms. Clarissa Bragg Flushing, NY 04/14/2019 Our daughter has flourished in pre-algebra since we purchased your program. She is officially the math whiz in our household! She's looking forward to the more advanced math classes to come and I'm sure we will be purchasing the other programs in your series. We are so glad we learned about your software from another family. Ms. Denise Herrera Boulder, CO 10/05/2020 Our son has raved about your PRE-ALGEBRA program, and we've told other parents how much it's helped him. It's hard to believe but he's actually working ahead of his class. Your software program is wonderful. Mr. Julius Zimmerman Sulphur. LA 11/16/2018 Welcome to our FREE Pre-Algebra Math practice test, with answer key and answer explanations. This practice tests realistic format and high-quality practice guestions can help you succeed on the Pre-Algebra Math test. Not only does the test closely match what you will see on the real Pre-Algebra, but it also comes with detailed answer explanations. For this practice test, weve selected 20 real questions from past exams for your Pre-Algebra Math questions. For every question, there is an in-depth explanation of how to solve the question and how to avoid mistakes next time. Use our free Pre-Algebra Math practice tests and study resources (updated for 2022) to ace the Pre-Algebra \$24.99 Original price was: \$24.99.\$14.99Current price is: \$14.99.Rated 4.30 out of 5 based on 105 customer ratingsSatisfied 92 Students 1- Mr. Jones saves \$2,500 out of his monthly family income of \$55,000. What fractional part of his income does he save? A. \(\frac{1}{22}\) B. \(\frac{1}{11}\) C. \(\frac{2}{15}\) D. \(\frac{2}{15}\) among how many users to leave each with \(\frac{1}{6}\) of a ruler? A. 4 B. 6 C. 12 D. 24 3- Simplify the expression.\(\(6x^3-8x^2+2x^4\)-\(4x^3-12x^2\) D. \\(x^4+4x^3-12x^2\) D. \\(of the population is increased after two years? A. \(32\\\) B. \(35\\\) C. \(68\\\) B. \(35\\\) B. \(57 {\pi} \space in^2\) B. \(58\\\) D. \(68\\\) B. \(68\\\) B. \(100 \) 7- A shirt costing \$200 is discounted \((15\%\)). After a month, the shirt is discounted another \((15\%\)). Which of the following expressions can be used to find the selling price of the shirt? A. \((200) (0.70)\) B. \((200) 200 (0.30)\) C. \((200) (0.15) (200) (0.15)\) D. \((200) 200 (0.30)\) At this point, what is the shortest distance from the cruise to port A in miles? ((200) (0.85)how many inches? A. 388 B. 468 C. 472 D. 476 12- Mr. Carloss family is choosing a menu for their reception. They have 3 choices of entrees, 4 choices of entrees, 5 choices of entrees, 4 choices of entrees, 5 choices of entrees, 4 choices of entrees, 4 choices of entrees, 5 choices of entrees, 5 choices of entrees, 6 choices of entrees, 6 choices of entrees, 6 choices of entrees, 6 choices of entrees, 7 choices of entrees, 8 choices of entrees, 9 choices of e smallest number? A. 38 B. 36 C. 34 D. 12 14- What is the difference between the smallest 4digit number? A. 6666 B. 6789 C. 8888 D. 8999 15- How many tiles of 8 cm\(^2 \) are needed to cover a floor of dimension 6 cm by 24 cm? A. 6 B. 12 C. 18 D. 24 16- A ladder leans against a wall forming a \((60^\c) are needed to cover a floor of dimension 6 cm by 24 cm? A. 6 B. 12 C. 18 D. 24 16- A ladder leans against a wall forming a \((60^\c) are needed to cover a floor of dimension 6 cm by 24 cm? A. 6666 B. 6789 C. 8888 D. 8999 15- How many tiles of 8 cm\(^2\c) are needed to cover a floor of dimension 6 cm by 24 cm? 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A. 12,324 B. 42,326 C. 44,566 D. 66,812 20- If \((40\\%\)\) of a class are girls, and \(25\%\) of girls play tennis, what percent of the class play tennis? A. \(10\%\) B. \(15\%\) C. \(20\%\) D. \(40\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(\frac\{2500\}\{55000\} = \frac\{1\}\{2\}\) 2- \(1\)\(4\)\(4\)\(b\)\(b\)\ Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(10\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(10\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(10\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(10\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Current price is: \$49.99. 1- A2,500 out of 55,000 equals to \(10\%\) Best Algebra Prep Resource \$89.99 Original price was: \$89.99.\$49.99 Original price was: \$89.99.\$49.90 Original price was: \$89.99.\$49.99 Original price was: \$89.99.\$49.90 Original price combine like terms.\(\(6x^3-8x^2+2x^4\)-(4x^2-2x^4+2x^3\)\{\rightarrow}\(4x^4+2x^3\)\{\rightarrow}\(4x^4+2x^3\)\{\rightarrow}\(4x^4+2x^3\)\{\rightarrow}\(15\\%\)\ and \(20\\%\).\(\(15\\%\)\ and \(20\\%\).\(\(15\\%\)\) \times (1.20) = 1.38 = 138\%\)38 percent of the population is increased after two years. 5- CSurface Area of a cylinder \(= 2\pi\) r (r + h), The radius of the cylinder \(= 2\pi\) i (3) (3 + 8) = 66\pi\) 6- 170Use the information provided in the question to draw the shape.\(= 2\pi\) \img {\)Use Pythagorean Theorem: \(a^2 + b^2 = c^2 \)\(80^2 + 150^2 = c^2 {\Rightarrow} 6400 + 22500 = c^2 {\Rightarrow} c = 170\). 7- DTo find the discount, multiply the number by (\(100{\%}\)) rate of discount). Therefore, for the first discount we get: \((200) (100{\%}\) 15{\\%}) = (200) (0.85) = 170\)For the next \(15{\%}\) discount: \((200) (0.85) (0.85)\\) 8- AUse PEMDAS (order of operation): \(5 + 8 \times (-2) [4 + 110] \div 6 = 5 + 8 \times (-2) [4 + 110] \div 6 = 5 + 8 \times (-2) [4 + 110] \div 6 = 5 + 8 \times (-2) [4 + 120] \di -2+2(3)=4(rightarrow)-2+6=4 This is true! B. ((1,2) x+2y=4(rightarrow)-1+6=4 (This is NOT true!) D. ((-3,4) x+2y=4(rightarrow)-1+6=4) (This is NOT true!) D. ((-3,4) x+2y=4) (This is NOT true!) D. ((-3,4both sides: (2x = 88)Divide both sides by (2x = 44) 11- C(11) times 36 + 6 \times 12 + 4 = 472(3) 12- CTo find the number of possible outfit combinations, multiply the number. Then, these are the numbers: (x, x+1, x+2, x+3, x+4) average $(= \frac{1}{2}x^2 + 4 = 472)$ 12- CTo find the number of possible outfit combinations, multiply the number of possible outfit combinations. terms} {number of terms} \Rightarrow 38 = \frac{x+(x+1)+(x+2)+(x+3)+(x+4)}{5} \Rightarrow 38 = \frac{5x+10}{5} \Rightarrow 180 = 5x \R cm\(^2 \)The number of tiles needed \(= 144 \div 8 = 18\) 16- DThe relationship among all sides of the special right triangle, the opposite side of the \(30^\circ \) angle is half of the hypotenuse. Therefore, angles is 180. Let \(x\) be that angle. Therefore, \(x + 5x = 180\)\(6x = 180\), divide both sides by 6: \(x = 30\) 19- AIn the stadium the ratio of home fans to visiting fans in a crowd is \(5:7\). Therefore, total number of fans must be divisible by \(12: 5 + 7 = 12.\)Lets review the choices: A. \(12,324: 12,324 \) div 12 = 1027\)B. \(42,326: 42,326 \) div 12 = 3,527.166\)C. \(44,566: 44,566 \div 12 = 3,713.833\)D. \(66,812: 66,812: 66,812: \div 12 = 5,567.666\)Only choice A when divided by 12 results in a whole number. 20- AThe percent of girls playing tennis is:\(40 \% \times 25\% = 0.40 \times 0.25 = 0.10 = 10\%\) Ace Algebra \$24.99 Original price was: \$19.99.\$15.99Current price is: \$15.99.\$14.99Current price is: \$19.99.\$14.99Current pr \$14.99.Rated 4.30 out of 5 based on 145 customer ratingsSatisfied 130 Students \$18.99 Original price was: \$18.99.\$12.99Current price is: \$12.99.Rated 4.44 out of 5 based on 182 customer ratingsSatisfied 170 Students \$18.99 Original price was: \$18.99.\$13.99Current price is: \$13.99.Rated 4.45 out of 5 based on 193 customer ratingsSatisfied 185 Students