



I'm not robot



Continue

Solve trigonometric equations worksheet

This section illustrates the process of solving trigonometric equations of different forms. It also shows how to check your response in three different ways: algebraically, graphically and using the concept of balance. The following table lists partial lists of typical equations. Solutions for x in the following equations. Click on the equation you want to solve [Algebra] [Trigonometry] [Geometry] [Differential Equation] [Count] [Complex Variable] [Matrix Algebra] S.O.S MATHematics Home Page Need More Help? Please send your question to our S.O.S. Mathematics CyberBoard. Author: Nancy Marcus Copyright 1999-2020 MathMedics, LLC. All rights reserved. Kontaktujte nás Matematický Medics, LLC. - P.O. Kolonka 12395 - El Paso TX 79913 - Uživatelé USA online během poslední hodiny (1) Najděte hlavní řešení a obecná řešení následujících:(i) $\sin \theta = -1/\sqrt{2}$ (ii) dětská postýlka $\theta = \sqrt{3}$ (iii) $\tan \theta = -1/\sqrt{3}$ Solution(2) Vyřešte následující rovnice, pro které řešení leží v intervalu $0^\circ \leq \theta < 360^\circ$ (i) $\sin 4x = \sin 2x$ Solution(ii) $2 \cos 2x + 1 = -3 \cos x$ Solution(iii) $2 \sin 2x + 1 = 3 \sin x$ Solution(iv) $\cos 2x = 1 - 3 \sin x$ Solution((3 sin x Solution(3) Vyřešte následující rovnice:(i) $\sin 5x - \sin x = \cos 3x$ Solution(ii) $2 \cos 2\theta + 3 \sin \theta - 3 = 0$ Solution(iii) $\cos \theta + \cos 3\theta = 2 \cos 2\theta$ Solution(iv) $\sin \theta + \sin 3\theta + \sin 5\theta = 0$ Solution(v) $\sin 2\theta - \cos 2\theta - \sin \theta + \cos \theta = 0$ Solution(vi) $\sin \theta + \cos \theta = \sqrt{2}$ Solution(vii) $\sin \theta + \sqrt{3} \cos \theta = 1$ Solution(viii) $\cot \theta + \operatorname{cosec} \theta = \sqrt{3}$ Solution(ix) $\tan \theta + \tan(\theta + \pi/3) + \tan(\theta + 2\pi/3) = \sqrt{3}$ Solution(x) $\cos 2\theta = (\sqrt{5} + 1)/4$ Solution(xi) $2 \cos 2x - 7 \cos x + 3 = 0$ Solution In addition to the above things, if you need some other things in mathematics, please use our google custom search here. If you have any comments about our mathematical content, please write to us: v4formath@gmail.com We always appreciate your feedback. You can also visit the following websites about different things in mathematics. WORD PROBLEMSHCF and LCM word problemsSloval problems on simple equations Problems with word on linear equations Problems with word on quadratic equationsAlgebra problems Verbal problems Problems with swallow and circuit communicationSloval problems with direct variation and inverse variation Problems with word on unity pricePless on unit rate Word problems when comparing ratesConding common units problems with word Conversion of metric units problems with wordProblems on simple interestProblems Problems with compound interestLates on types of angles Complementary and complementary angles Verbal problemsProed facts problems with the wordTrigonometric problems with the word Percentage word and loss of problems words Markup and markdown word problems Decimal word problemsSloval problems on fractionsSloval problems on mixed fractionsOne step equation word problemsLinear inequalities word problemsSloval and share problems with wordTime and work problems wordWorm problems on sets and venn diagramsWord problems forever Pythagorean sentence word problemsProcent number of problems wordSlovo problems at constant speedSlovak problems with average speed Problems word to sum triangle angles is 180 degreesO OTHER TOPICS Gain and loss of abbreviationsPercentage abbreviationsChssss abbreviationsTime, abbreviations of speed and distanceRatio and proportional abbreviationsDomain and range of rational functionsDomain and range of rational functions with holesGraphic rational functionsGraphic functions with holesVerding repeating decimal places into fractionsSou follow representations of rational numbersSuring square root using long divisionL.C.M method of solving time and working problemsDeterraving words problems to al the geometric expressionRemainder at 2 power 256 is divided by 17Remainder when 17 power 23 is divided by 16Sum of all three digits of numbers divisible by 6Sum from all three digit numbers divisible by 7Sum of all three digit numbers created using 1, 3, 4Sum all three four-digit numbers created with non-zero digitsSum of all three four-digit numbers created using 0, 1, 2, 3Sum all three four-digit numbers created using 1, 2, 5, 6 author's onlinemath4all.com SBI! 7th, 8th, 9th, 11th, 11th, 12th, Higher Education, Adult Education, Homeschool, StaffPage 26th, 7th, 8th, 9th, 10th, 11th, 12th, Higher Education, Adult Education, Staff These sections illustrate the process of solving gogonal equilitions of different forms. It also shows how to check your response in three different ways: algebraically, graphically and using the concept of balance. The following table lists partial lists of typical equations. Solutions for x in the following equations. Click on the equation you want to solve [Algebra] [Trigonometry] [Geometry] [Differential Equation] [Count] [Complex Variable] [Matrix Algebra] S.O.S MATHematics Home Page Need More Help? Please send your question to our S.O.S. Mathematics CyberBoard. Author: Nancy Marcus Copyright 1999-2020 MathMedics, LLC. All rights reserved. Contact Us Math Medics, LLC. - P.O. Box 12395 - El Paso TX 79913 - US users online within the last hour (1) Find the main solutions and general solutions of the following:(i) $\sin \theta = -1/\sqrt{2}$ (ii) $\cot \theta = \sqrt{3}$ (iii) $\tan \theta = -1/\sqrt{3}$ Solution(2) Solve the solution of the following equation for which the solution lies at an interval of $0^\circ \leq \theta < 360^\circ$ (i) $\sin 4x = \sin 2x$ Solution (ii) $2 \cos 2x + 1 = -3 \cos x$ Solution(iii) $2 \sin 2x + 1 = 3 \sin x$ Solution(iv) $\cos 2x = 1 - 3 \sin x$ Solution(3) Solve the following equations:(i) $\sin 5x - \sin x = \cos 3x$ Solution(ii) $2 \cos 2\theta + 3 \sin \theta - 3 = 0$ Solution(iii) $\cos \theta + \cos 3\theta = 2 \cos 2\theta$ Solution(iv) $\sin \theta + \sin 3\theta + \sin 5\theta = 0$ Solution(v) $\sin 2\theta - \cos 2\theta - \sin \theta + \cos \theta = 0$ Solution(vi) $\sin \theta + \cos \theta = \sqrt{2}$ Solution(vii) $\sin \theta + \sqrt{3} \cos \theta = 1$ Solution(viii) $\cot \theta + \operatorname{cosec} \theta = \sqrt{3}$ Solution(ix) $\tan \theta + \tan(\theta + \pi/3) + \tan \tan(\theta + 2\pi/3) = \sqrt{3}$ Solution(x) $\cos 2\theta = (\sqrt{5} + 1)/4$ Solution(xi) $2 \cos 2x - 7 \cos x + 3 = 0$ Solution In addition to the above things, if you need any other things in math please use our google custom search here. If you have any comments about our mathematical content, please write to us: v4formath@gmail.com We always appreciate your feedback. You can also visit the following websites about different things in mathematics. WORD PROBLEMSHCF and LCM word problemsSpeak problems on simple equations Word problems on linear equations Problems with word on quadratic equationsAlgebra problems Verbal problems Problems on trainsArea and circuit problemsSlova problems with direct variation and inverse variant Problems with word on unit priceLamnice problems with unit rates Word problems on rate comparisonConding usual units word problemsSlovo problems to simple interest problemsWord to compound interestTime problems at types of angles Complementary and complementary angles word problemsSble facts word problemsTrigonometry problems with wordProcent of word problems Problems with loss and loss of words Problems with word Markup and markdown Problems with word Problems with textSuding problems Adding words on mixed fractionsOne step equation word problemsLinear inequality word problemsSlovo and ratio of problems with wordTime and working word problemsWord problems on sets and venn diagramsWorst problems on agesPythagorean sentence word problemsProcent of a number of problems wordWord problems at constant speedSythem text problems on the sum of triangle angles is 180 degreesO OTHER TOPICS GAIN and lossy abbreviationsElectricrimes tables abbreviationsTime, abbreviations of speed and distanceRatio and proportional abbreviationsDomain and range of rational functionsDomains and range of rational functions with holesGraphic rational functions with holesVerding of repeating decimal places into fractionsSou follow representations of rational numbersSuring square root using long divisionL.C.M method of solving time and working problemsDeputation of word problems into algebraic expressionsRemainder at 2 power 256 is divided by 17Remainder when 17 power 23 is divided by 16Sum all three digits of numbers divisible by 6Sum of all three digits divisible 7Sum of all three digit numbers divisible by 8Sum from all three numbers created using 1, 3, 4Sum all three four-digit numbers created with non-zero digitsSum of all three four-digit numbers created using 0, 1, 2, 3Sum all three four-digit numbers created using 1, 2, 5, 6 author's onlinemath4all.com SBI! 7th, 8th, 9th, 10th, 11th, 12th, Higher Education, Adult Education, Homeschool, StaffPage 26th, 7th, 8th, 9th, 11th, 11th, 12th, Higher Education, Adult Education, Staff Boost Learning Parameters with These Printable Solutions Trigonometric Equation Sheets featuring countless exercises to solve trig equations in linear and quadratic forms using factoring or using quadratic formulas. Learn how to determine the main solution of given trigonometric equations as well. As a precursor to these pdf exercises, high school students can recap trigonometric identity charts. Immerse yourself in practice with our free worksheets! Equation solving - Level 1 Access to these trigonometric sheets to solve simple trigonometric equations. Each of these Level 1 sheets contains trigonometric functions with special degree angles or radians. Download Mass (3 leaves) Leaves)