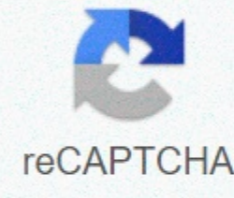Continue

Solve trig equations worksheet

These sections illustrate the process of solving trigonometric equations of various forms. It also shows you how to control your response three different ways: algebraic, graphics, and using the concept of equivalence. The following table is a few lists of standard equations. Resolve for x in the following equations. Click on the equation you want to solve [Algebra] [Trigonometry] [Geometry] [Different Equations] [Calculus] [Advanced Variables] [Matrix Algebra] S.O.S MATHemats home page Need more help? Please post your question about our S.O.S. Mathematics CyberBoard. Author:Nancy Marcus Copyright 1999-2020 MathMedics, LLC. All rights reserved. Contact Us Mathematical Physicians, LLC. - Π.Ο. Πλαίσιο 12395 - El Paso TX 79913 - ΗΠΑ χρήστες σε απευθείας σύνδεση κατά τη διάρκεια της τελευταίας ώρας (1) Βρείτε την κύρια λύση και γενικές λύσεις των ακόλουθων:(i) sin θ = −1/√2(ii) βρεφική κούνια θ = √3(iii) μαύρισμα θ = -1/√3 Λύση(2) Επίλυση των ακόλουθων εξισώσεις για τις οποίες οι λύσεις βρίσκονται στο διάστημα 0° ≤ θ < 360°(i) sin4 x = sin2 x Solution(ii) 2 cos2 x + 1 = −3 cos x Solution(iii) 2 sin2 x+1 = 3sinx Solution(iv) cos 2x = 1 - 3 sin x Λύση(3) Επίλυση των ακόλουθων εξισώσεων:(i) sin 5x − sin x = cos3x Solution(ii) 2 cos2 d + 3sinx − 3 = 0 Solution(iii) cos θ + cos3x = 2cos2x Solution(iv) sin θ + sin3x + sin5x = 0 Solution(v)) sin 2θ − cos 2θ − sin θ + cos i = 0 Solution(vi) sin θ + cos θ = √2 Solution(vi) sin θ + cos θ = √2 Solution(vii) sin θ + √3 cos θ = 1 Solution(viii) swing i + cosecth = √3 Solution (ix) tan i + tan (i + p/3) + tan (i + 2p/3) = √3 Solution(x) cos 2i = (√5 + 1)/4 Solution(xi) 2 cos2 x − 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 math content, please send us: v4formath@gmail.comI always appreciate your feedback. You can also visit the following websites on different things in mathematics. WORD PROBLEMSHCF and LCM Word ProblemsConsistrate Problems in Simple Equations Word Problems in Linear Equations Word ProblemsExaginally in TrainsArea and Word Perimeter Problems Word Problems in Direct Variation and Reverse Variation Word Problems in Unit Price Problems Word problems on comparison ratesE returns the usual word units problems Converting metric word units problemsdia to simple interestWord problems for complex interestWord problems on the types of corners Complementary and complementary corners word problemsSypla new problems and Markup loss word problems and markdown word problems Decimal word problemsFarian problems in fractionsOin problems of all in mixed step equation word problemsDiagram writers Word problemsRaio and word problems ratioTime and work word problemsSubstand word problems in sets and diagrams vennCharts Age problemsPythagorean theorems word problemsPericros of a number of word problemsDiagnoses problems in continuous speedWord problems in the average speed Word problems for the sum of corners of a triangle are 180 degreeOther TOPICS Gains and loss ShortcutsTable Contains shortcutsTime , speed and distance shortcutsRatio and proportions shortcutsDomain and the range of logical functionsDomain and the range of logical functions with holesWritten rational functionsWritten rational functions with holesConscion repeated decimals in fractionsDekic representation of logical numbersBry square root using long divisionL.C.M method to solve time and work problemsRecondation of word problems in algebraic expressionsContance when 2 power 256 is divided by 17Indanced when 17 power 23 is divided by 16Sum and three digit numbers divided by 6Sum of all three digit numbers are divided by 7Sum and three digit numbers divided by 8Sum and three digit numbers formed using 1, 3, 4Sum and the three four-digit numbers formed with non-zero Sum digits and the three four-digit numbers formed using 0, 1, 2, 3Sum and the three four-digit numbers formed using 1, 2, 5, 6 copyright onlinemath4all.com SBI! Sbi!