

Using Special Right Triangles



Section A Use the triangle diagrams to help complete the table for the exact trig values.



	0°	30°	45°	60°	90°
sin	0				1
cos	1				0
tan	0				

Section B Give the exact values.

1) $\sin 30 + \cos 60$	2) $\tan 45 + \cos 60$	3) $4 \sin 30 + \cos 0$
4) $2 \sin 60$	5) $8 \cos 45$	6) $(\sin 45)^2 + 3 \cos 60$
7) $(3 \tan 30)^2 + (\tan 60)^2$	8) $5 \sin 60 - 3 \cos 30$	9) $9 \sin 30 - 3 \sin 90 + 4 (\cos 45)^2$

Section C Use the ratios of the given lengths to find the missing angles.

1) $a = \underline{\hspace{2cm}}$	2) $b = \underline{\hspace{2cm}}$	3) $c = \underline{\hspace{2cm}}$
4) $d = \underline{\hspace{2cm}}$	5) $e = \underline{\hspace{2cm}}$	6) $f = \underline{\hspace{2cm}}$

Geometry Special Right Triangles Ws

Yijin Wang

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Geometry Special Right Triangles Ws:

Standards-Driven Power Geometry I (Textbook & Classroom Supplement) Nathaniel Rock, 2005-08 Standards Driven Power Geometry I is a textbook and classroom supplement for students parents teachers and administrators who need to perform in a standards based environment This book is from the official Standards Driven Series Standards Driven and Power Geometry I are trademarks of Nathaniel Max Rock The book features 332 pages of hands on standards driven study guide material on how to understand and retain Geometry I Standards Driven means that the book takes a standard by standard approach to curriculum Each of the 22 Geometry I standards are covered one at a time Full explanations with step by step instructions are provided Worksheets for each standard are provided with explanations 25 question multiple choice quizzes are provided for each standard Seven full length 100 problem comprehensive final exams are included with answer keys Newly revised and classroom tested Author Nathaniel Max Rock is an engineer by training with a Masters Degree in business He brings years of life learning and math learning experiences to this work which is used as a supplemental text in his high school Geometry I classes If you are struggling in a standards based Geometry I class then you need this book E Book ISBN 0 9749392 6 9 ISBN13 978 0 9749392 6 1 *Geometry* Ron Larson, 1995 *Geometry Teacher's Activities Kit* Judith A. Muschla, Gary Robert Muschla, 2000-04-12 For all math teachers in grades 6 12 this practical resource provides 130 detailed lessons with reproducible worksheets to help students understand geometry concepts and recognize and interpret geometry's relationship to the real world The lessons and worksheets are organized into seven sections each covering one major area of geometry and presented in an easy to follow format including title focusing on a specific topic skill learning objective special materials if any teaching notes with step by step directions answer key and reproducible student activity sheets Activities in sections 1 6 are presented in order of difficulty within each section while those in Part 7 A Potpourri of Geometry are open ended and may be used with most middle and high school classes Many activities throughout the book may be used with calculators and computers in line with the NCTM's recommendations **Practice Master**, 1995 *The Software Encyclopedia 2000* Bowker Editorial Staff, 2000-05 *Addison-Wesley Informal Geometry*, 1992 New York Math: Math A, 2000 New Sat Rea Mel Friedman, Lina Miceli, Robert Bell, Michael Lee, Sally Wood, Adel Arshaghi, Suzanne Coffield, Michael McIrvin, Anita Price Davis, Research & Education Association, George DeLuca, Joseph Fili, Marilyn Gilbert, Bernice E. Goldberg, Leonard Kenner, 2005-05-18 SAT with CD ROM The Very Best Coaching Study Course SAT CD ROM 1 Paperback 21cm x 27 5cm *New National Framework Mathematics 8+ Teacher Planning Pack* M. J. Tipler, 2014-11 New National Framework Mathematics features extensive teacher support materials which include dedicated resources to support each Core and Plus Book The 8 Plus Teacher Planning Pack contains Teacher Notes for every chapter with a Self contained lesson plan for each of the units in the pupil books **How to Succeed with Academically Underprepared Students** Lee Noel, Randi Levitz, 1982 *Developmental Teaching of Mathematics for the Learning Disabled* John F.

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doesn t need 20 20 vision to see right through you That s why she created the Rules Don t treat her any differently just
because she s blind and never take advantage There will be no second chances Just ask Scott Kilpatrick the boy who broke
her heart When Scott suddenly reappears in her life after being gone for years Parker knows there s only one way to react
shun him so hard it hurts She has enough on her mind already like trying out for the track team that s right her eyes don t
work but her legs still do doling out tough love advice to her painfully naive classmates and giving herself gold stars for every
day she hasn t cried since her dad s death three months ago But avoiding her past quickly proves impossible and the more
Parker learns about what really happened both with Scott and her dad the more she starts to question if things are always as
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In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Geometry Special Right Triangles Ws**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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