

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 = _____	2) b = _____	3) c = _____
4) d = _____	5) e = _____	6) f = _____

7 4 Practice A Special Right Triangles Worksheet

RC Schank

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

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represent key features of real cars geometry represents key features of God s creation Model cars represent the shape and scale of real cars even though they are too small to be used for transportation Likewise geometry shows the relationships among measurements such as lengths and areas as well as the reasons for such relationships Thus geometry is a mathematical model Publisher **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 *School Library Journal* ,1986 **Addison-Wesley Informal Geometry** ,1992

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In an electronic era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**7 4 Practice A Special Right Triangles Worksheet**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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