Date:17-4-2026

Grade 12 GEN

Lesson 9-2 trigonometric functions of General angles.

Objectives

Find values of trigonometric functions for acute angles.

وزارة التربية و التعليم

Term-3

Mathematics

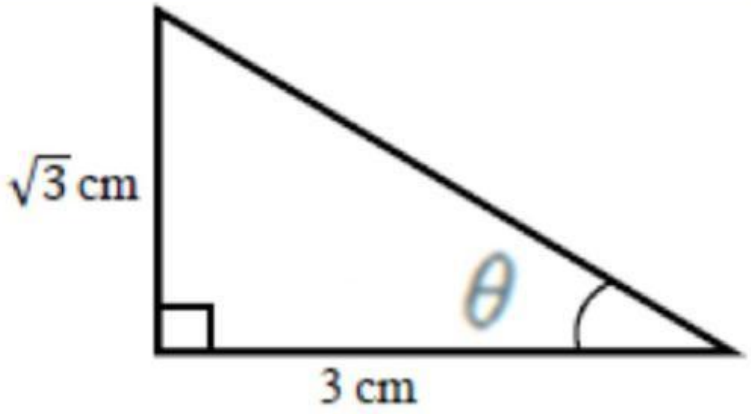
Module-8- 2025-2026

Trigonometric Functions

AL-QUDRA SCHOOL

MR Rachid K

Exp-1-



opp	
adj	
hyp	

The six trigonometric functions are given below:

$\sin\theta$	———	$\cos\theta$	———	$\tan\theta$	———
$\csc\theta$	———	$\sec\theta$	———	$\cot\theta$	———

LIVEWORKSHEETS تعلم

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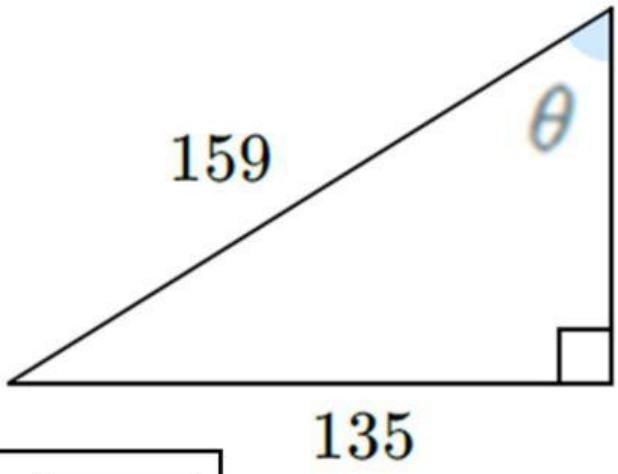
Trigonometric Functions

AL-QUDRA SCHOOL

MR Rachid K

Exp-2-



opp ☐

adj ☐

hyp ☐

Find the exact values of the six trigonometric functions for angle θ.

$\sin\theta$	———	$\cos\theta$	———	$\tan\theta$	———
$\csc\theta$	———	$\sec\theta$	———	$\cot\theta$	———

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Trigonometric Functions

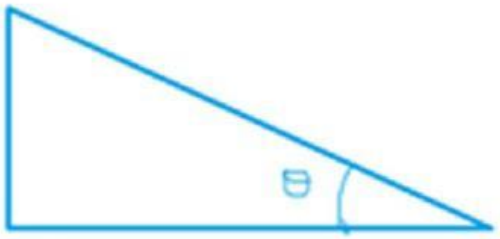
AL-QUDRA SCHOOL

MR Rachid K

Exp-3-

If $\tan\theta = \frac{60}{11}$

find $\sin\theta$ and $\cos\theta$.



opp	
adj	
hyp	

$\sin\theta$	———	$\cos\theta$	———

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Grade 12 GEN

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وزارة التربية و التعليم

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Mathematics

Module-8- 2025-2026

Trigonometric Functions

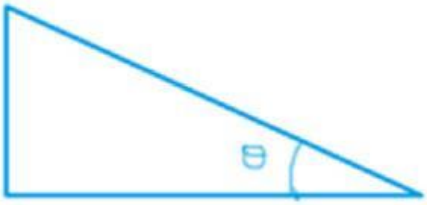
AL-QUDRA SCHOOL

MR Rachid K

Exp- 4-

If $\sin\theta = \frac{32}{130}$

find $\cos\theta$ and $\tan\theta$



$\cos\theta$	———	$\tan\theta$	———