Date:17-4-2026

Grade 12 GEN

Lesson 9-2 trigonometric functions of General angles.

Objectives

Find values of trigonometric functions for acute angles.

Mathematics

Module-8- 2025-2026

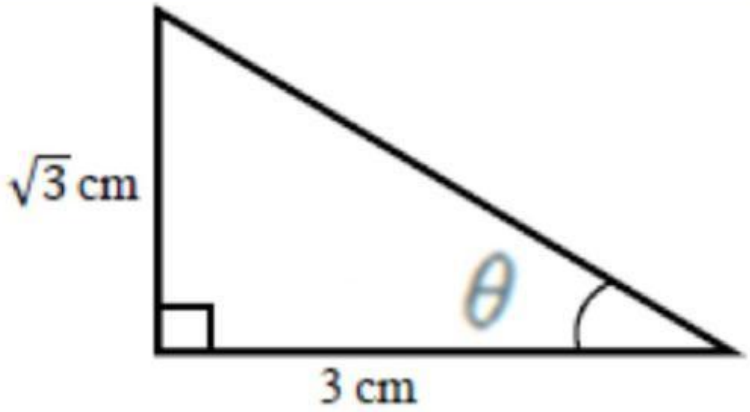
وزارة التربية و التعليم

Term-3

Trigonometric Functions

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

Date:17-4-2026

Grade 12 GEN

Lesson 9-2 trigonometric functions of General angles.

Mathematics

Module-8- 2025-2026

وزارة التربية و التعليم

Term-3

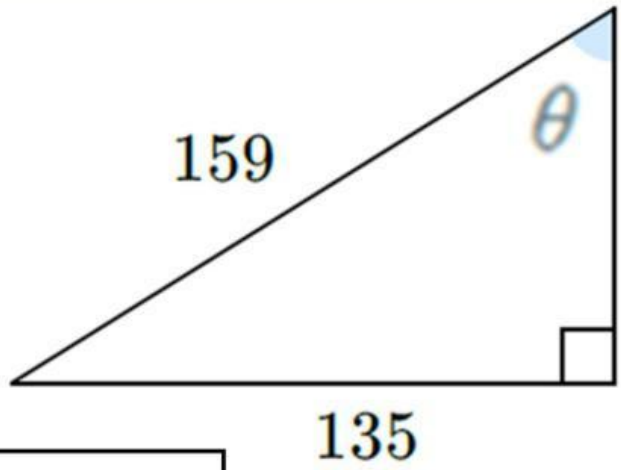
Trigonometric Functions

MR Rachid K

Objectives

Find values of trigonometric functions for acute angles.

Exp-2-



opp	
adj	
hyp	

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

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

LIVEWORKSHEETS

Date:17-4-2026

Grade 12 GEN

Lesson 9-2 trigonometric functions of General angles.

Objectives

Find values of trigonometric functions for acute angles.

Mathematics

Module-8- 2025-2026

وزارة التربية و التعليم

Term-3

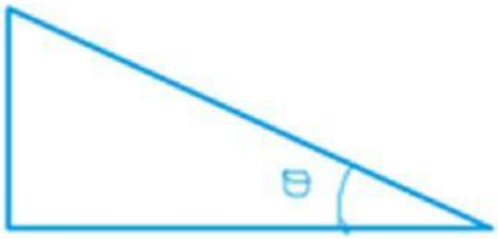
Trigonometric Functions

MR Rachid K

Exp-3-

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

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



opp	
adj	
hyp	

$\sin\theta$	———	$\cos\theta$	———

LIVEWORKSHEETS

Date:17-4-2026

Grade 12 GEN

Lesson 9-2 trigonometric functions of General angles.

Objectives

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Mathematics

Module-8- 2025-2026

وزارة التربية و التعليم

Trigonometric Functions

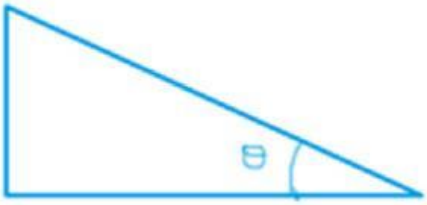
Term-3

MR Rachid K

Exp– 4–

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

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



opp	
adj	
hyp	

$\cos\theta$	———	$\tan\theta$	———

LIVEWORKSHEETS