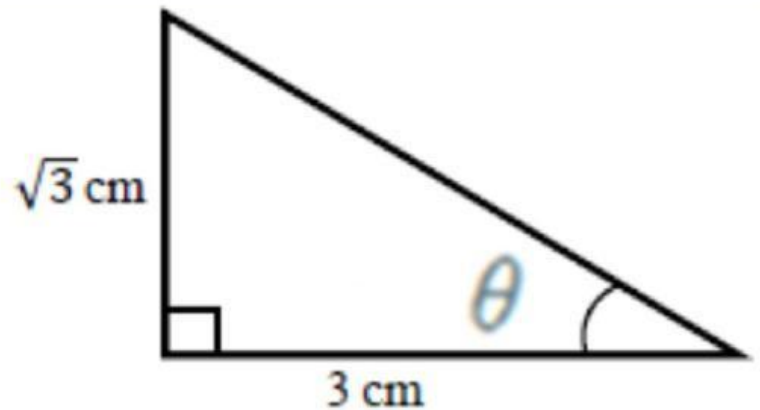


**Objectives**Find values of  
trigonometric  
functions for  
acute angles.**Exp-1-**

opp	<input type="text"/>
adj	<input type="text"/>
hyp	<input type="text"/>

The six trigonometric functions are given below:

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

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 والتعليم  
Term-3

# Mathematics

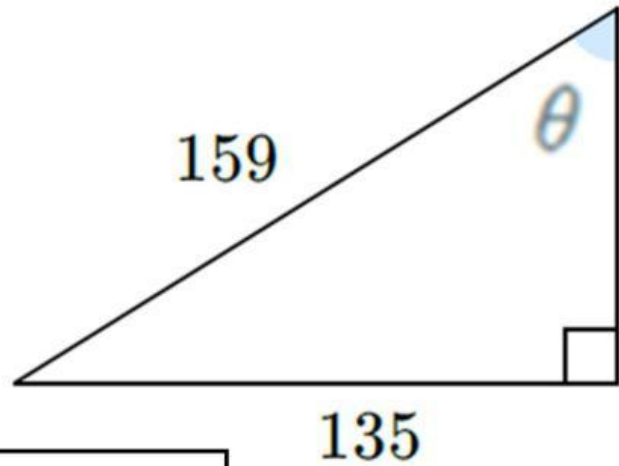
Module-8-

2025-2026

Trigonometric Functions



Exp- 2-



opp	<input type="text"/>
adj	<input type="text"/>
hyp	<input type="text"/>

Find the exact values of the six trigonometric functions for angle  $\theta$ .

$\sin \theta$	<input type="text"/>	$\cos \theta$	<input type="text"/>	$\tan \theta$	<input type="text"/>
$\csc \theta$	<input type="text"/>	$\sec \theta$	<input type="text"/>	$\cot \theta$	<input type="text"/>

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 والتعليم  
Term-3

Module-8-

2025-2026

# Mathematics

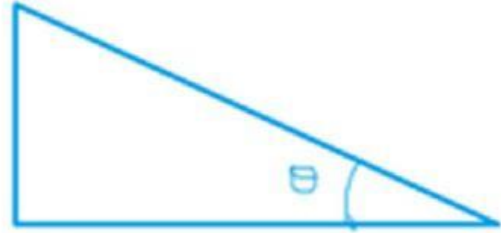
## Trigonometric Functions



Exp-3-

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

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



opp	<input type="text"/>
adj	<input type="text"/>
hyp	<input type="text"/>

$\sin \theta$	_____	$\cos \theta$	_____
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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 والتعليم  
Term-3

Module-8-

# Mathematics

2025-2026

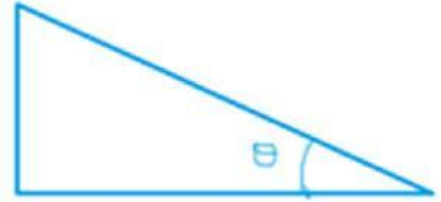
## Trigonometric Functions



Exp- 4-

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

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



opp	<input type="text"/>
adj	<input type="text"/>
hyp	<input type="text"/>

$\cos \theta$	<input type="text"/>	$\tan \theta$	<input type="text"/>
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