Grade 12 GEN

Lesson 9-4
Graphing Sine and Cosine Functions

وزارة التربية و التعليم

Mathematics

Module-8- 2025-2026

Term-3

Trigonometric Functions

MR Rachid K

Graphing Sine and Cosine Functions

sine	cosine
$\sin 90^\circ =$	$\cos 90^\circ =$
$\sin 180^\circ =$	$\cos 180^\circ =$
$\sin 270^\circ =$	$\cos 270^\circ =$

1. $y = \cos x$

Graph

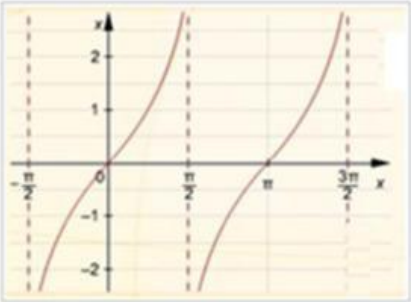
amplitude

period

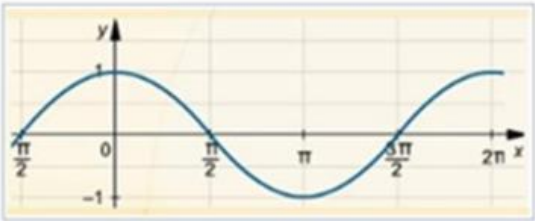
2 | 1 | 2π | π

a.

b.



c.



LIVEWORKSHEETS

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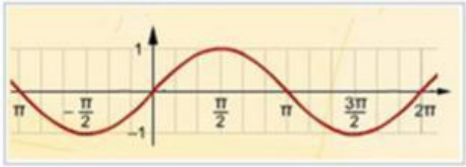
2. $y = \sin x$ Graph

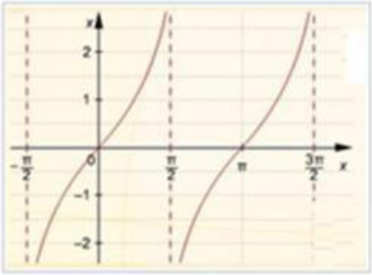
amplitude period

2 1 2π π

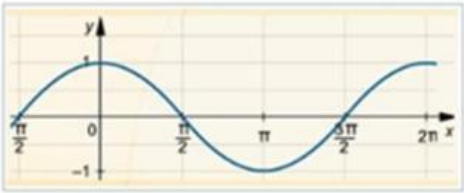
a.



b.



c.

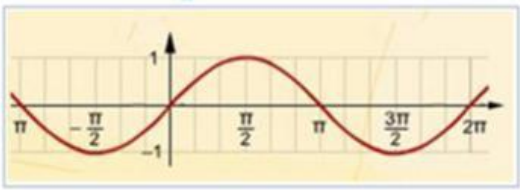


3. $y = \text{Tan}\, x$ Graph

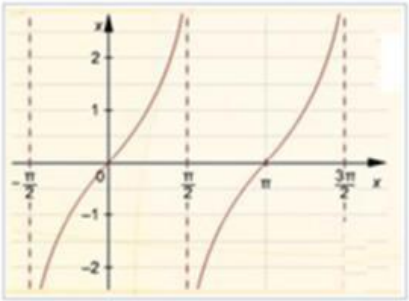
amplitude period

2 1 2π π

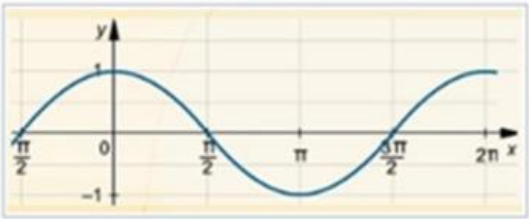
a.



b.



c.



LIVEWORKSHEETS