



# CAMI Mathematics: Grade 10

## GRADE 10 CAPS Curriculum

### 10.9 Trigonometry

1. Complete the table for  $y = \cos x + 5$  by using a calculator and sketch the graph.

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$

2. Complete the table for  $y = \tan x + 4$  by using a calculator and sketch the graph.

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$

3. Complete the table for  $y = \cos x - 3$  by using a calculator and sketch the graph.

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$

4. Complete the table for  $y = 2 \sin x - 1$  by using a calculator and sketch the graph.

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$

5. Complete the table for  $y = 4 \tan x + 1$  by using a calculator and sketch the graph.

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$

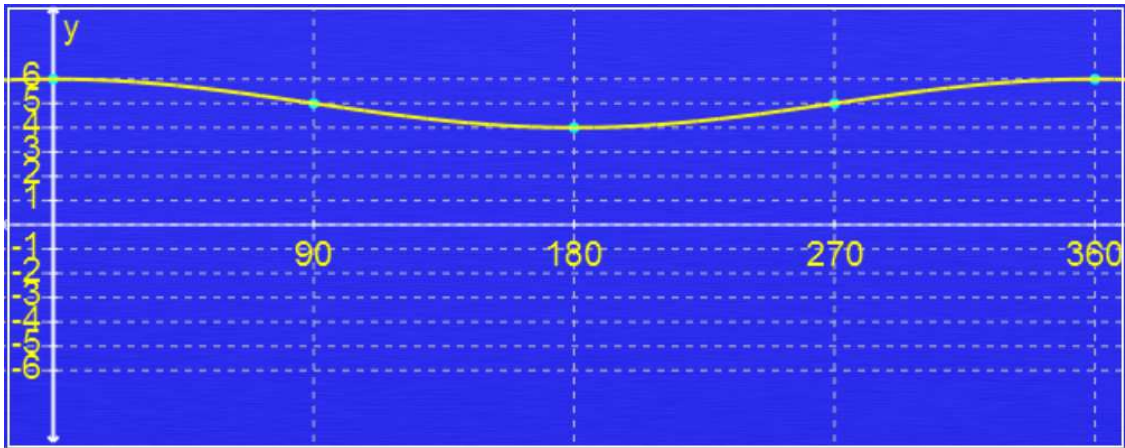


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## MEMO [7.8.2.7]

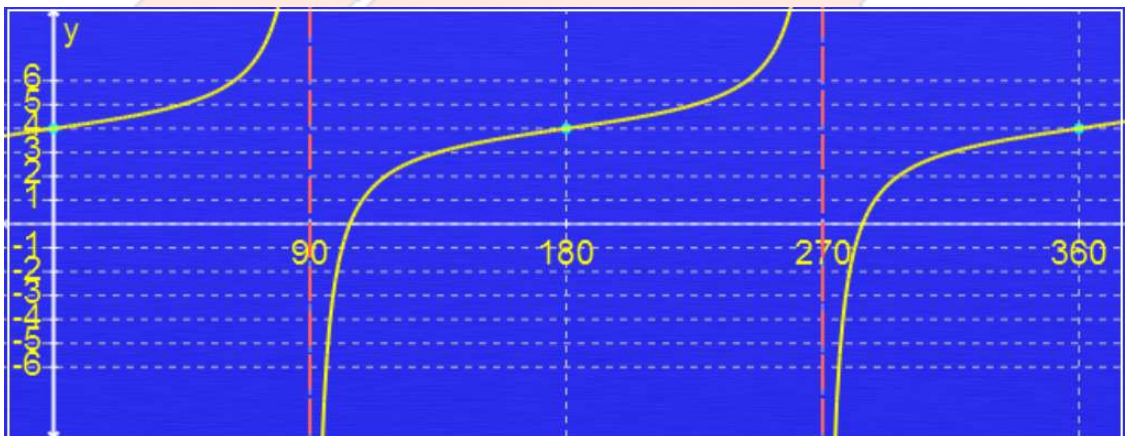
1.  $y = \cos x + 5$

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$
6	5	4	5	6



2.  $y = \tan x + 4$

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$
4	x	4	x	4

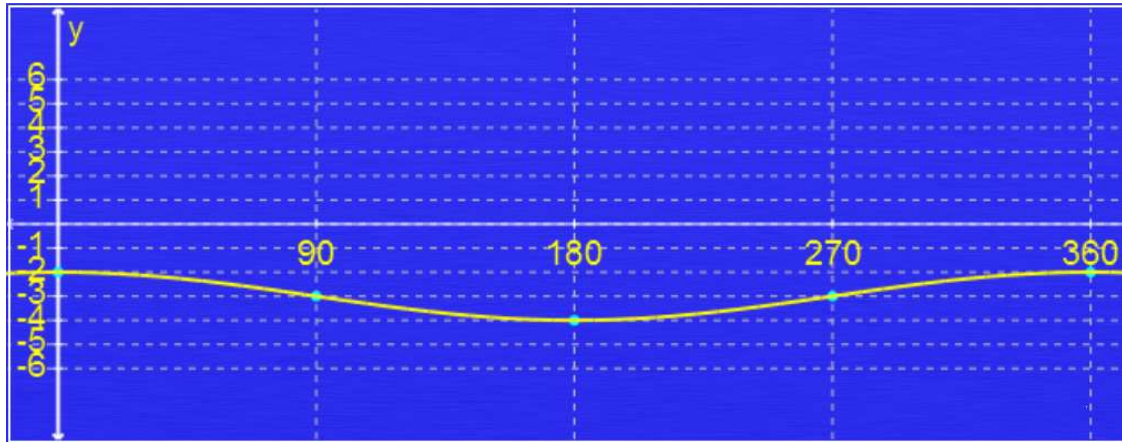


3.  $y = \cos x - 3$

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$
-2	-3	-4	-3	-2

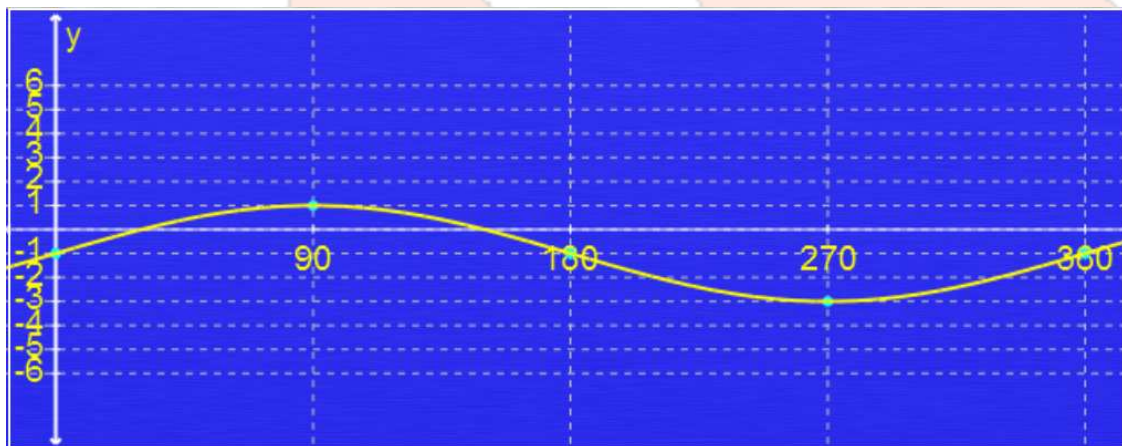


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4.  $y = 2 \sin x - 1$

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$
-1	1	-1	-3	-1



5.  $y = 4 \tan x + 1$

$0^\circ$	$90^\circ$	$180^\circ$	$270^\circ$	$360^\circ$
1	x	1	x	1



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