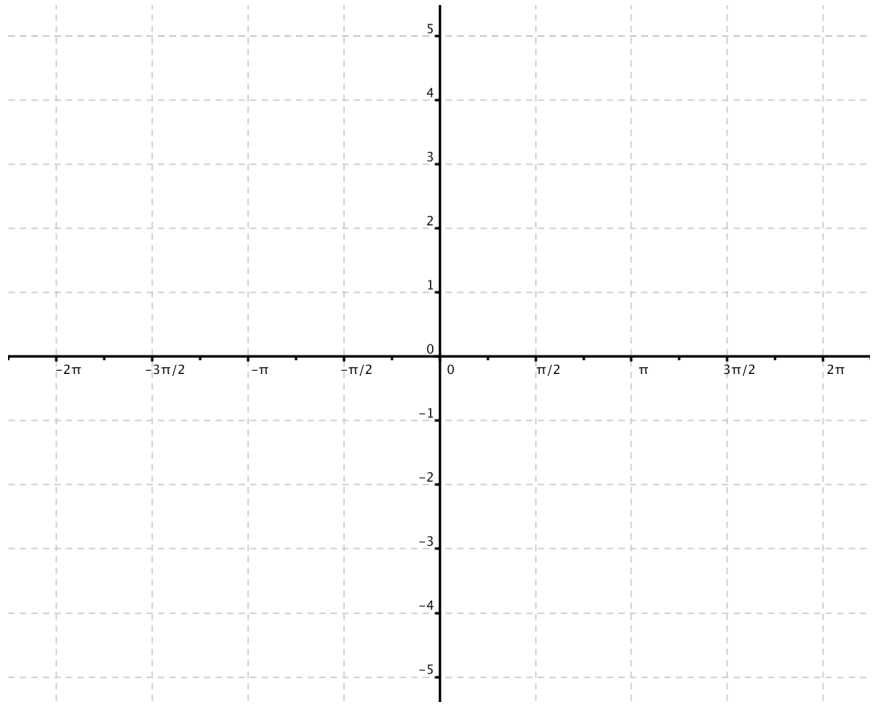


Amplitude –

Period –

$$f(x) = \sin x$$

x	$f(x) = \sin(x)$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



Domain:

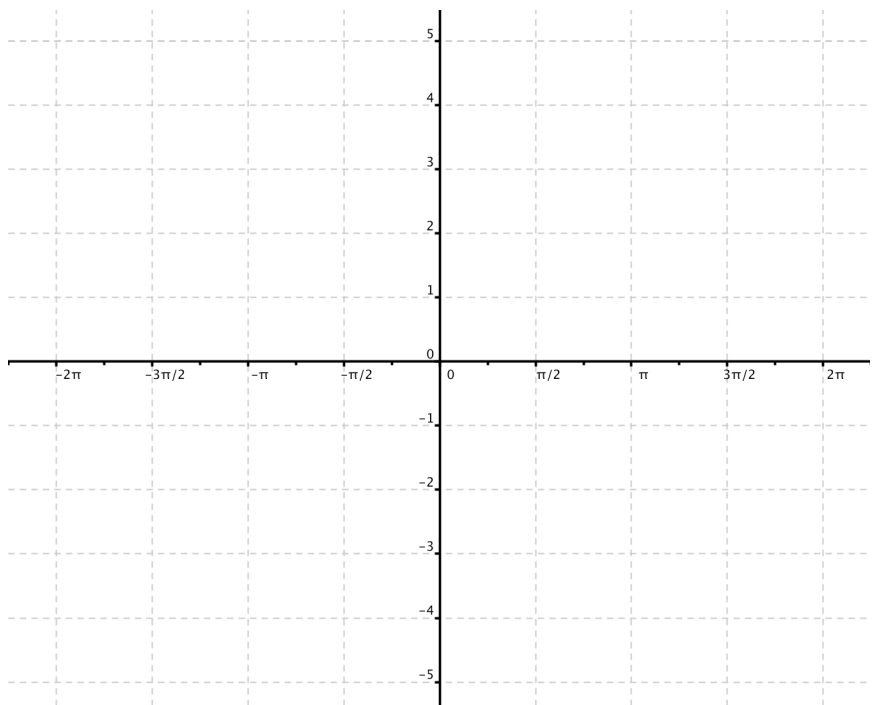
Range:

Amplitude:

Period:

$$f(x) = \cos x$$

x	$f(x) = \cos(x)$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



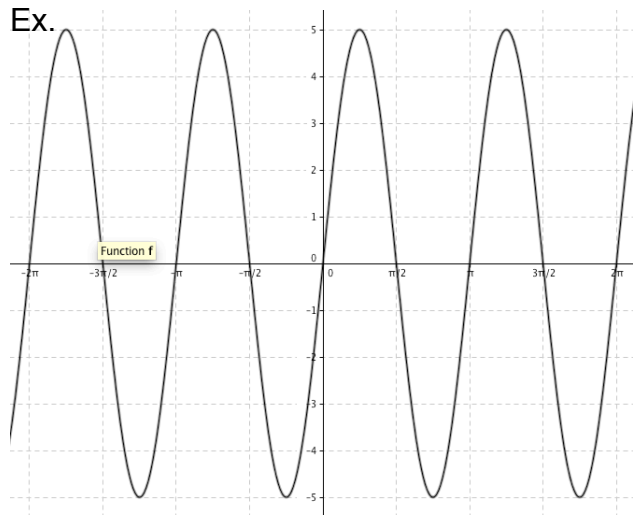
Domain:

Range:

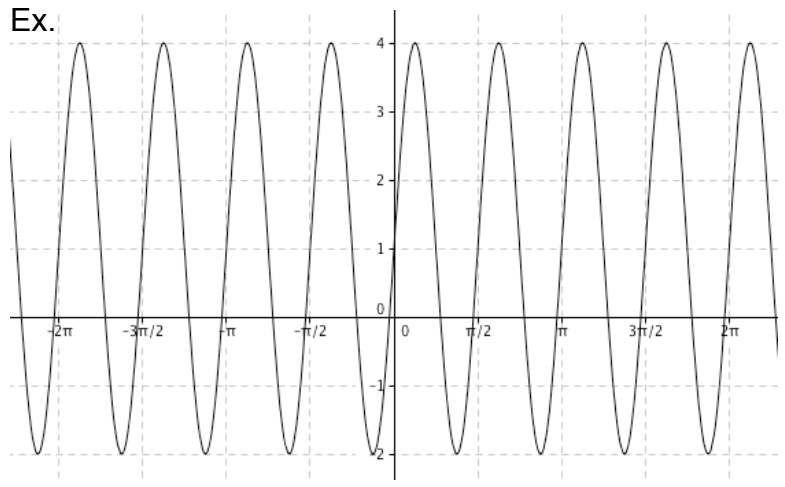
Amplitude:

Period:

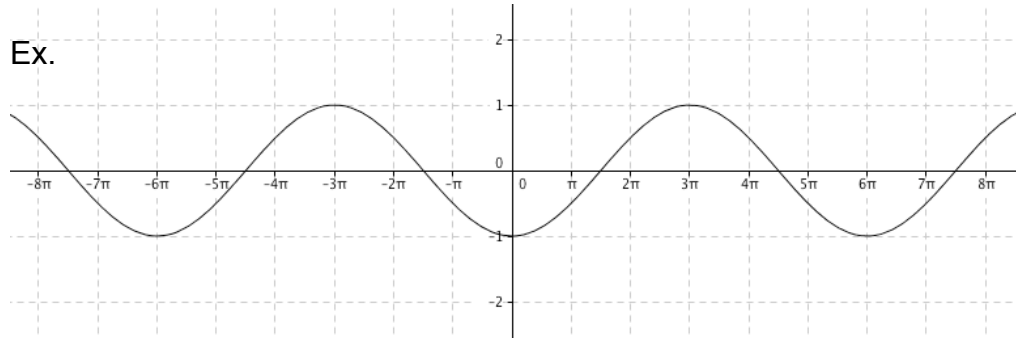
Find the domain, range, amplitude, and period for each graph.



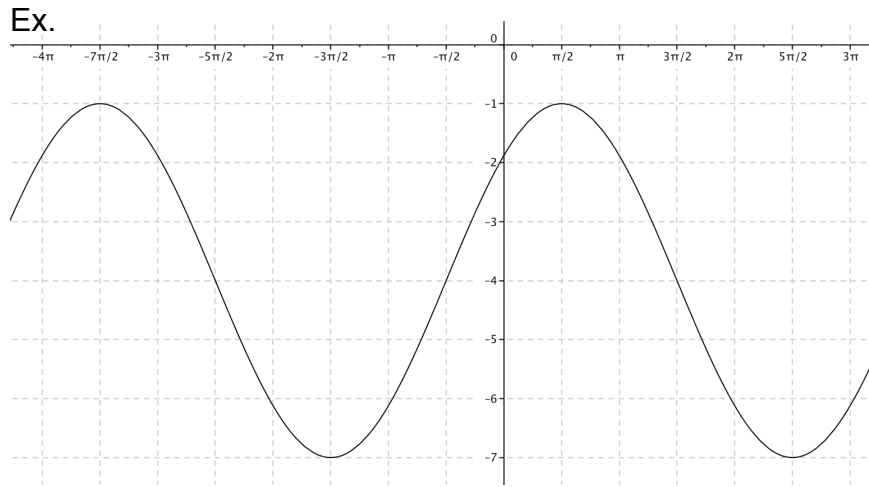
D:
R:
A:
P:



D:
R:
A:
P:



D:
R:
A:
P:



D:
R:
A:
P:

Transformations

$$f(x) = a \cdot \text{trig}(\omega(x - h)) + k$$

$a -$ $\omega -$

$h -$ $k -$

List the transformations for each function.

Ex. $f(x) = 2 \sin\left(\frac{1}{3}x\right) - 6$

Ex. $f(x) = -\frac{1}{4} \cos(2(x + \pi))$

Function:

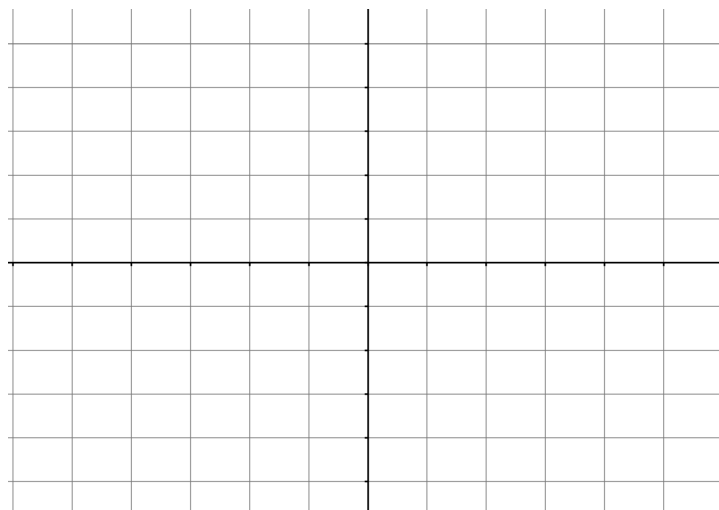
Transformations:

D:

R:

A:

P:



Trigonometric Graphs (7.6-7.8 Notes)

Name _____

Function:

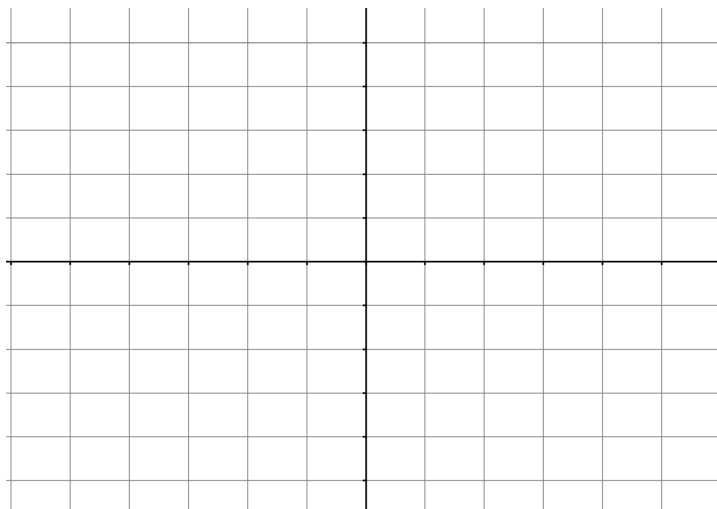
Transformations:

D:

R:

A:

P:



Function:

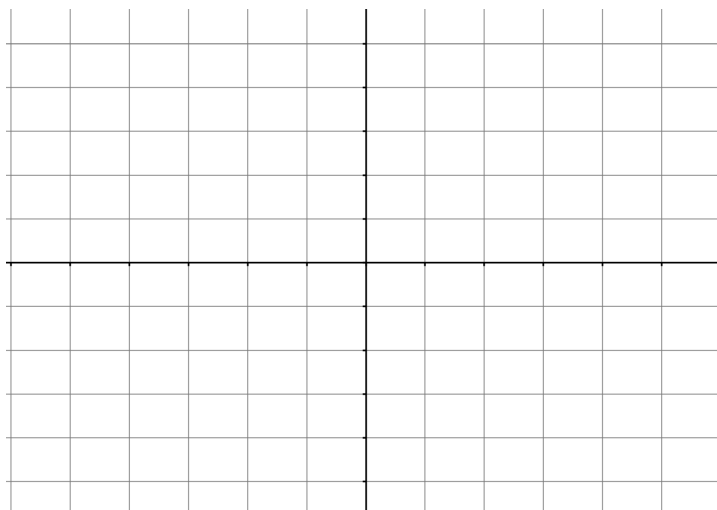
Transformations:

D:

R:

A:

P:



Function:

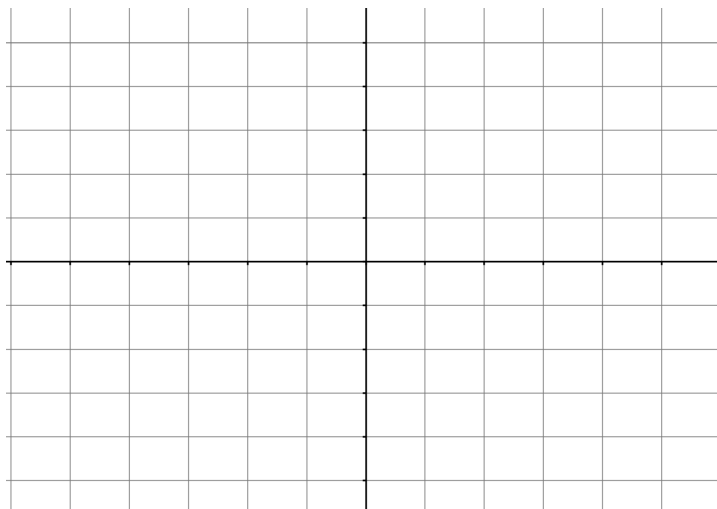
Transformations:

D:

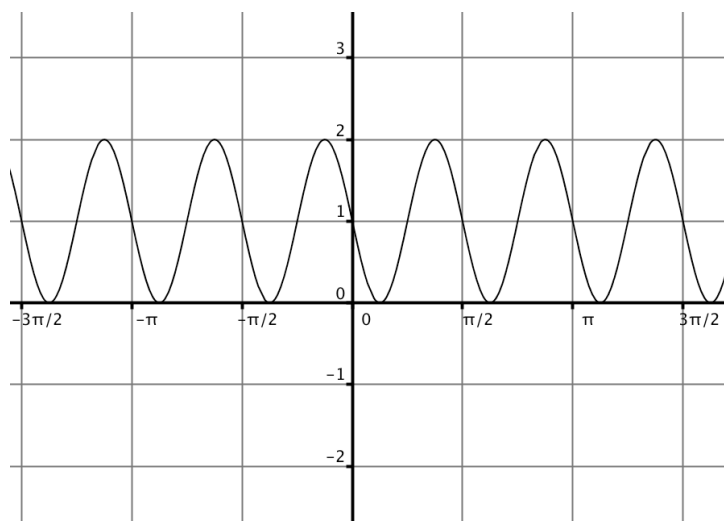
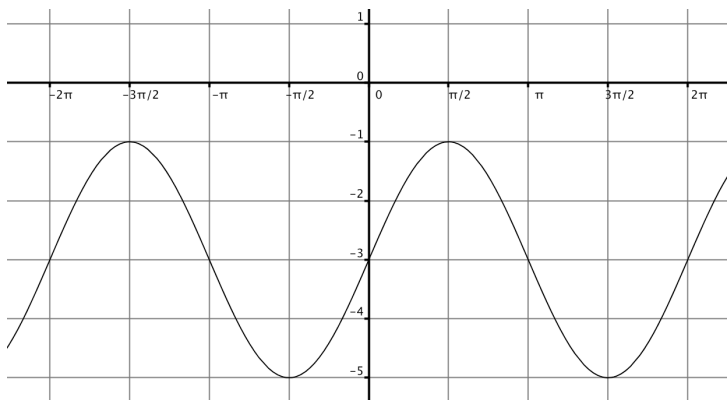
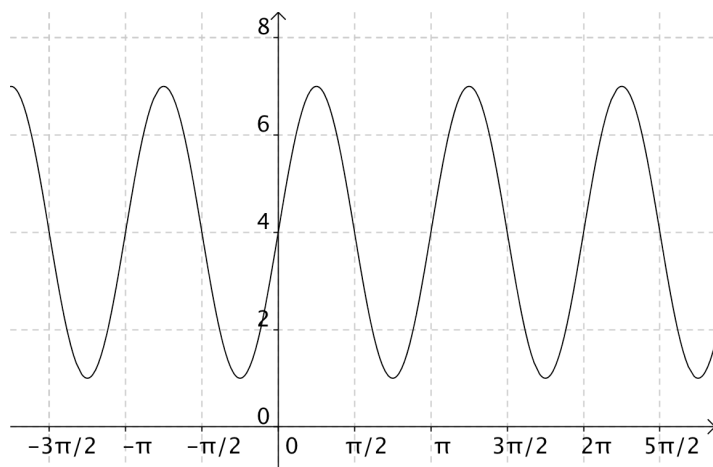
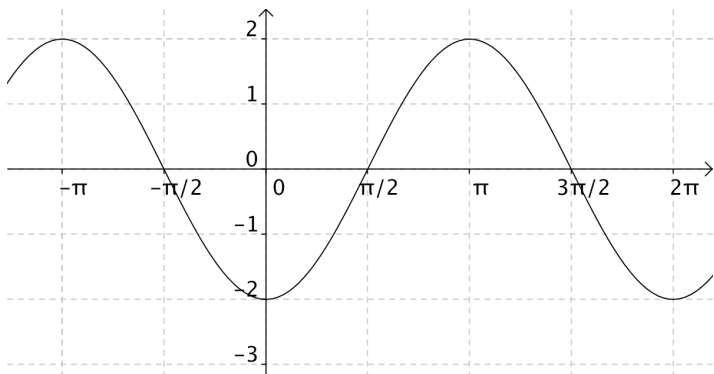
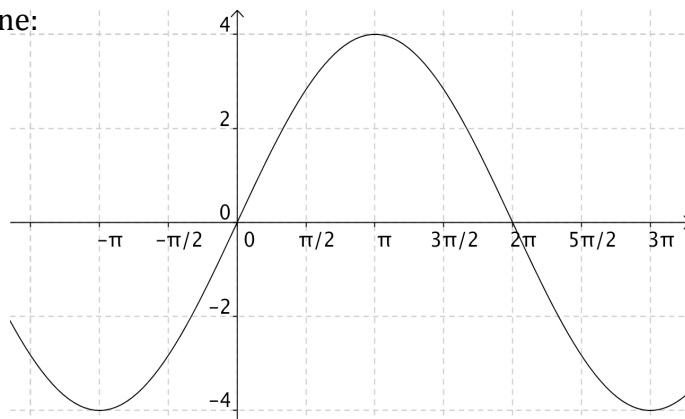
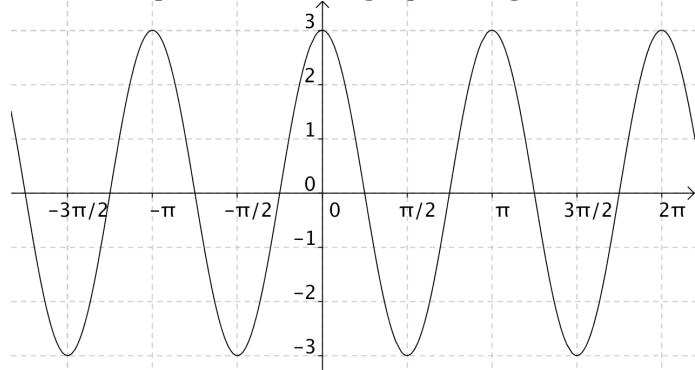
R:

A:

P:



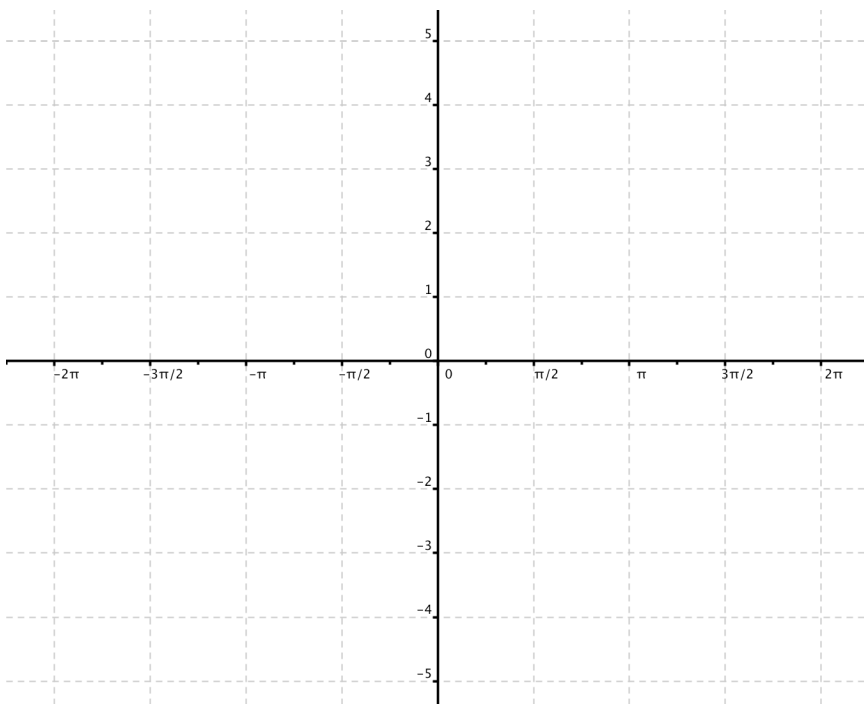
Find the equation of each graph using cosine AND sine:



Asymptote –

$$f(x) = \csc x$$

x	$f(x) = \csc x$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



Domain:

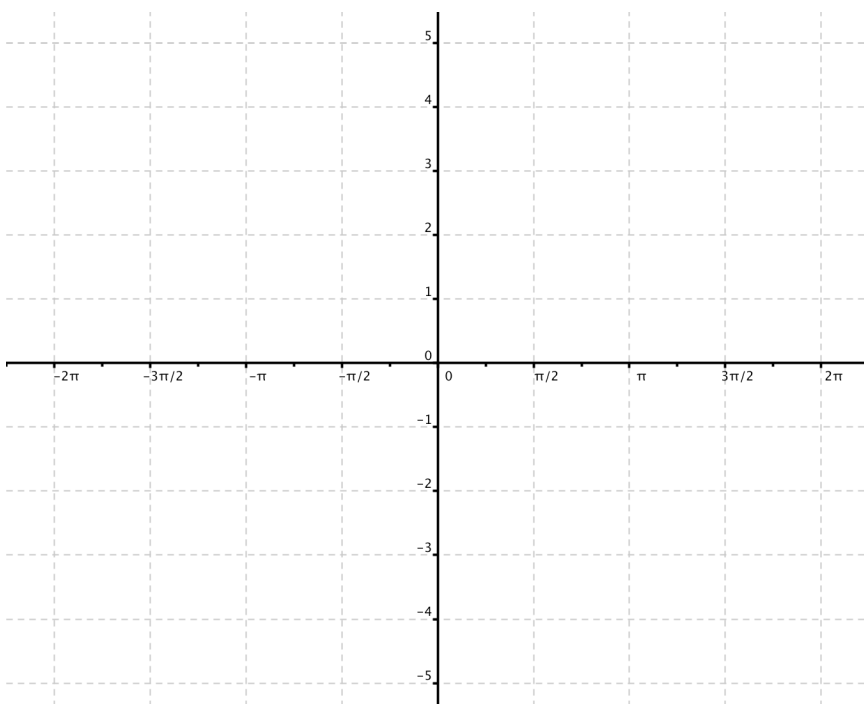
Range:

Asymptotes:

Period:

$$f(x) = \sec x$$

x	$f(x) = \sec x$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



Domain:

Range:

Asymptotes:

Period:

Trigonometric Graphs (7.6-7.8 Notes)

Name _____

Function:

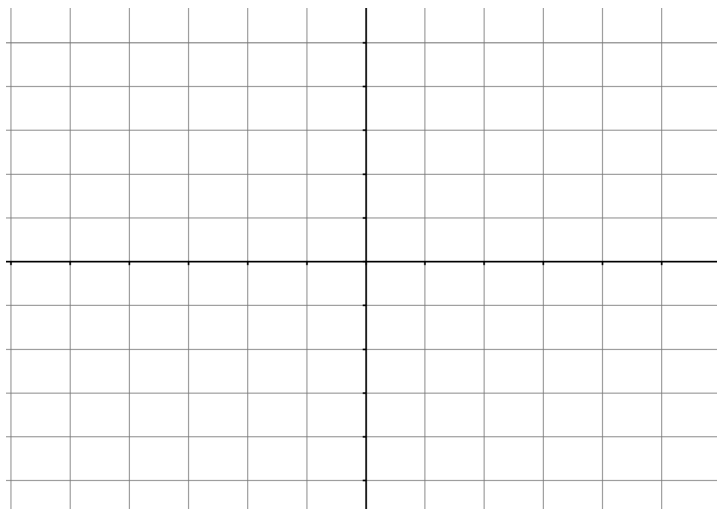
Transformations:

D:

R:

A:

P:



Function:

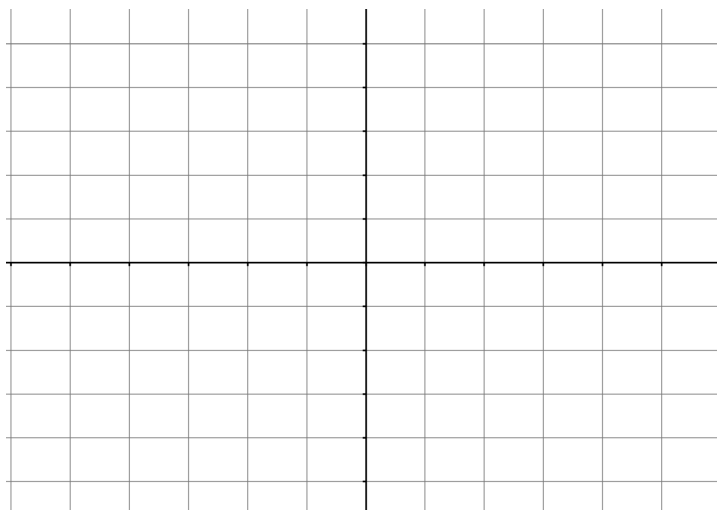
Transformations:

D:

R:

A:

P:



Function:

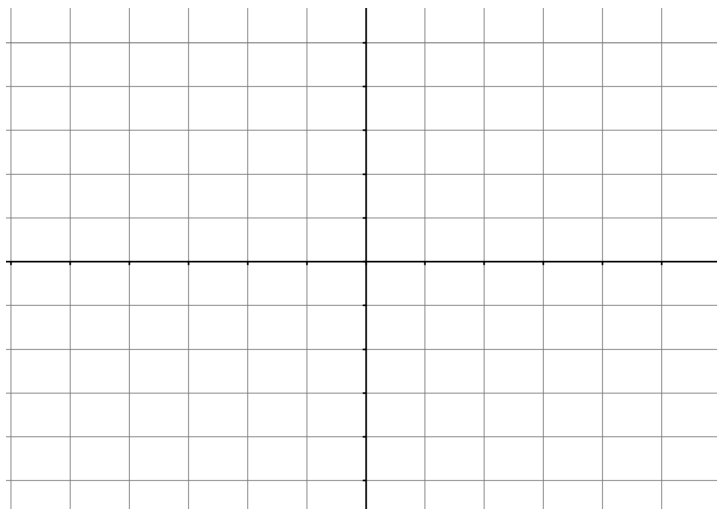
Transformations:

D:

R:

A:

P:

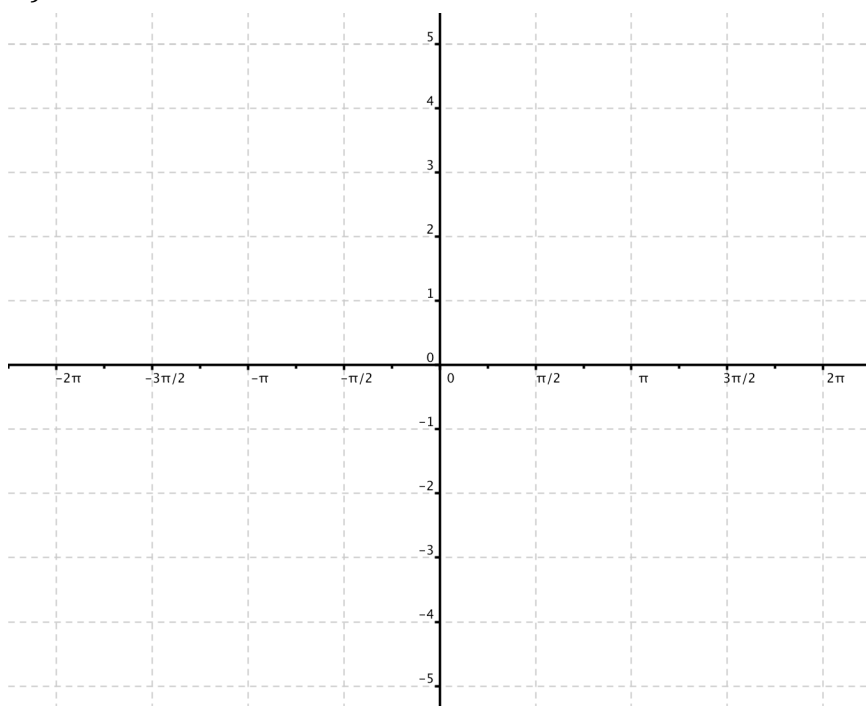


Trigonometric Graphs (7.6-7.8 Notes)

Name _____

$$f(x) = \tan x$$

x	$f(x) = \tan x$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



Domain:

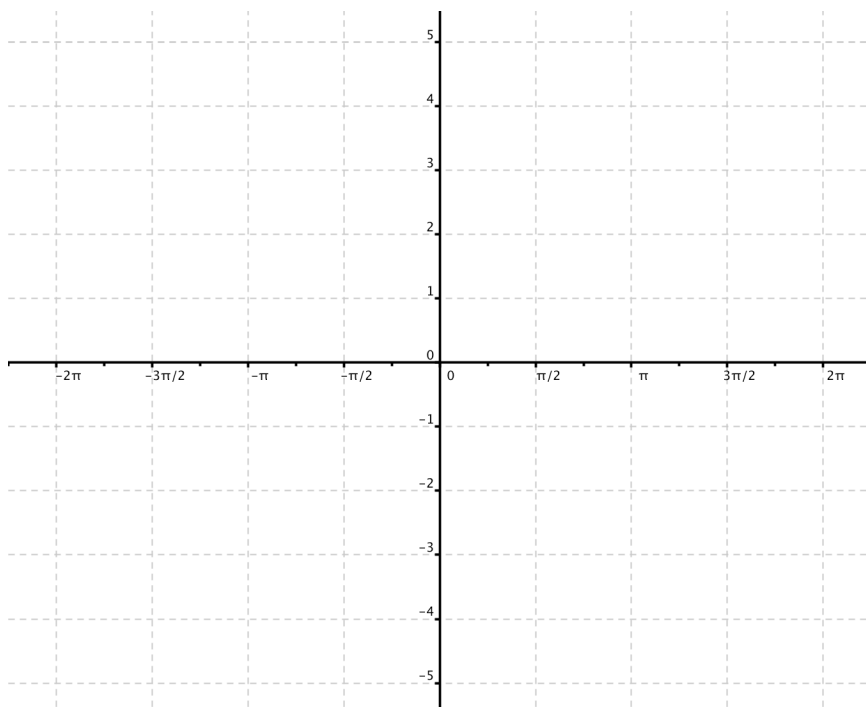
Range:

Asymptotes:

Period:

$$f(x) = \cot x$$

x	$f(x) = \cot x$
0	
$\pi/2$	
π	
$3\pi/2$	
2π	



Domain:

Range:

Asymptotes:

Period:

Trigonometric Graphs (7.6-7.8 Notes)

Name _____

Function:

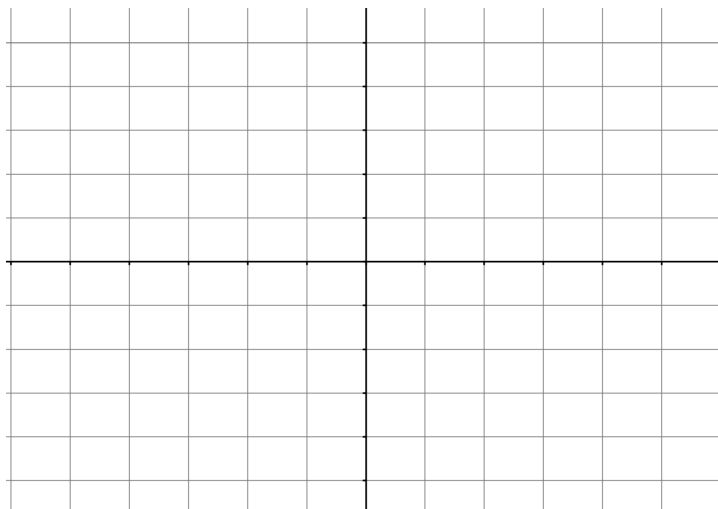
Transformations:

D:

R:

A:

P:



Function:

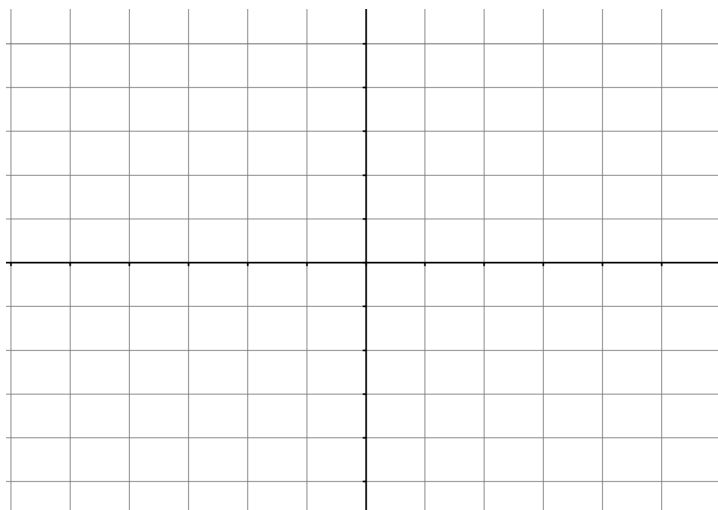
Transformations:

D:

R:

A:

P:



Function:

Transformations:

D:

R:

A:

P:

