

# PreCalculus Quiz

Your Name:

Please put your calculator away; you may not use it for this quiz.  
Fill in the missing information. Sketch the graph of the function without a calculator.

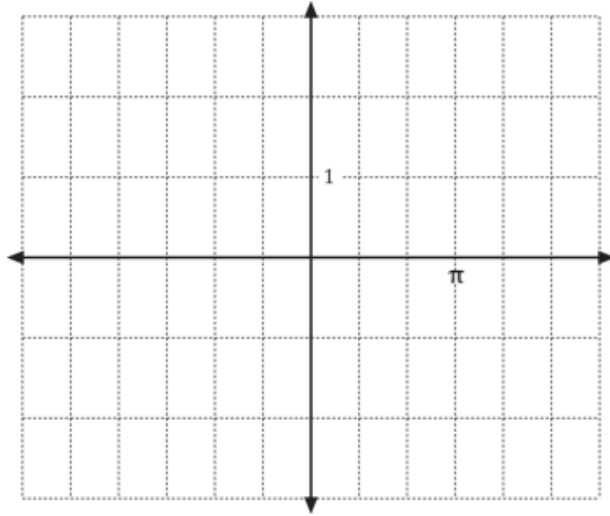
1.  $y = \sec x$

domain

period

range

phase shift



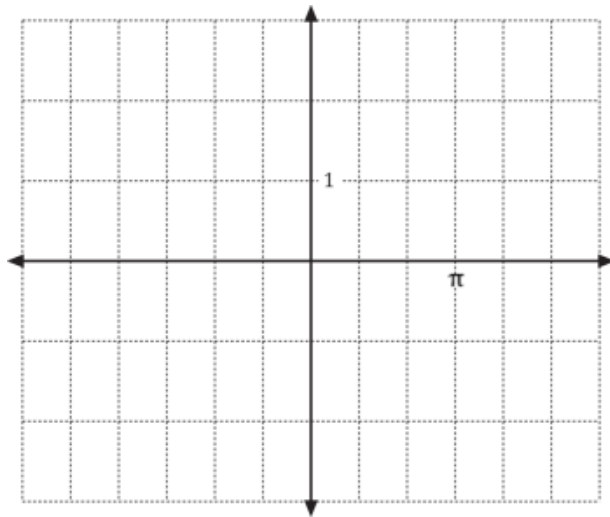
2.  $y = \tan x$

domain

period

range

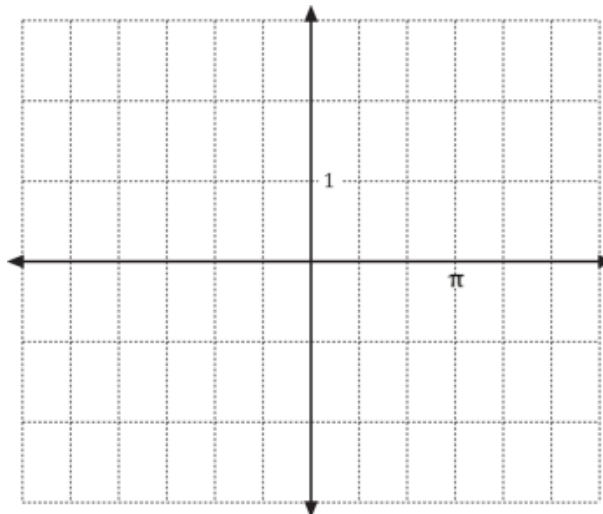
phase shift



over >>

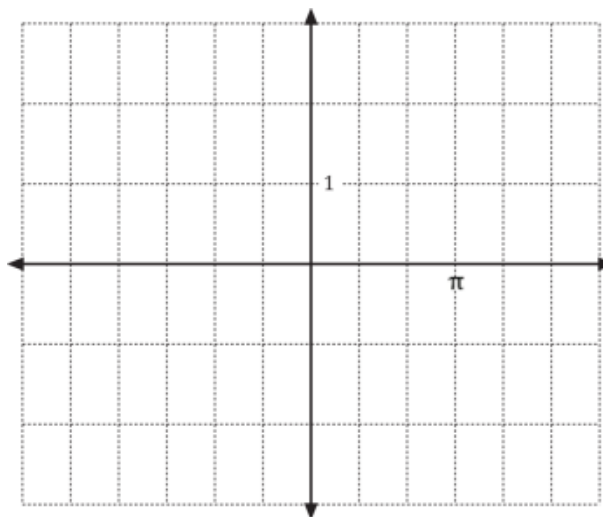
3.  $y = 2\cos x - 1$

domain	amplitude
range	period
equilibrium	phase shift



4.  $y = \sin \pi x$

domain	amplitude
range	period
equilibrium	phase shift



5.  $y = \underline{\hspace{1cm}} \cos \underline{\hspace{1cm}}$

domain	amplitude 1.5
range	period $4\pi$
equilibrium -1.5	phase shift 0

