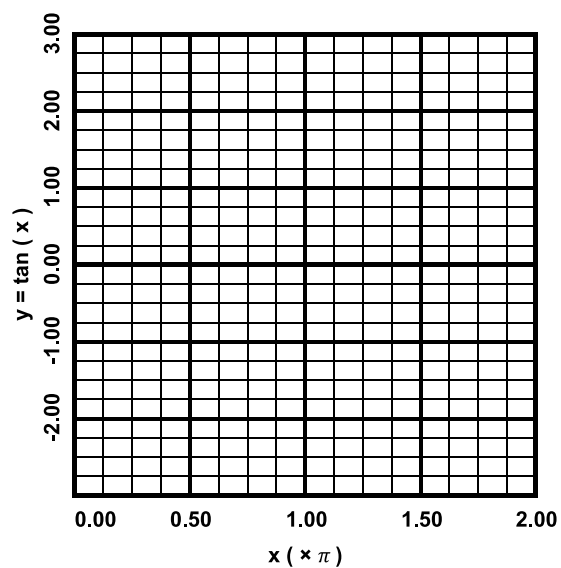
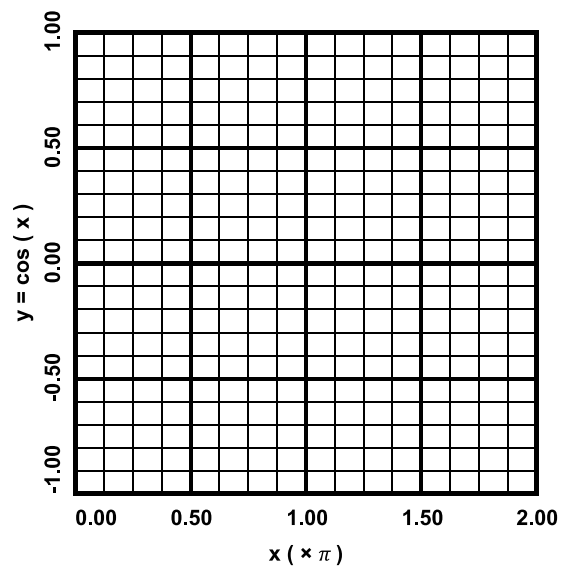
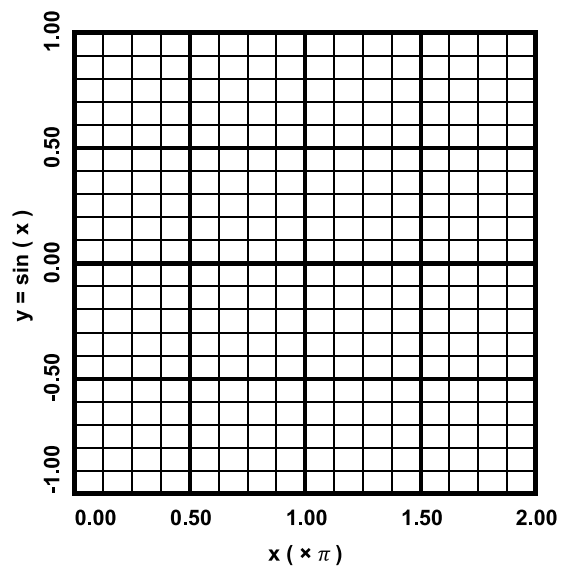


1) Fill in the table.

x	$y = \sin x$	$y = \cos x$	$y = \tan x$
0			
$\frac{\pi}{8}$			
$\frac{\pi}{4}$			
$\frac{3\pi}{8}$			
$\frac{\pi}{2}$			
$\frac{5\pi}{8}$			
$\frac{3\pi}{4}$			
$\frac{7\pi}{8}$			
π			
$\frac{9\pi}{8}$			
$\frac{5\pi}{4}$			
$\frac{11\pi}{8}$			
$\frac{3\pi}{2}$			
$\frac{13\pi}{8}$			
$\frac{7\pi}{4}$			
$\frac{15\pi}{8}$			
2π			

- 2) On the appropriate grid, graph the functions from the table in part 1.



- 3) State the vertical asymptotes (V.A.s) of $y = \tan x$ and plot them on the grid. Explain why the V.A.s occur.