FST Trig 3.1 Exit Slip
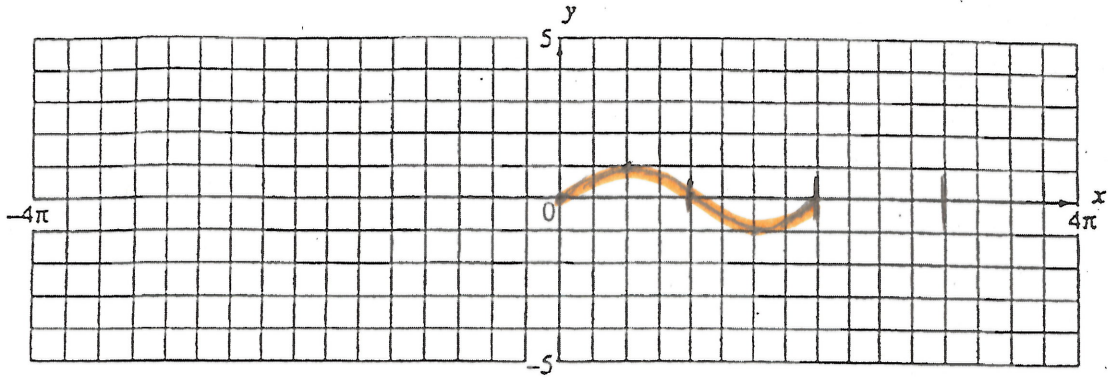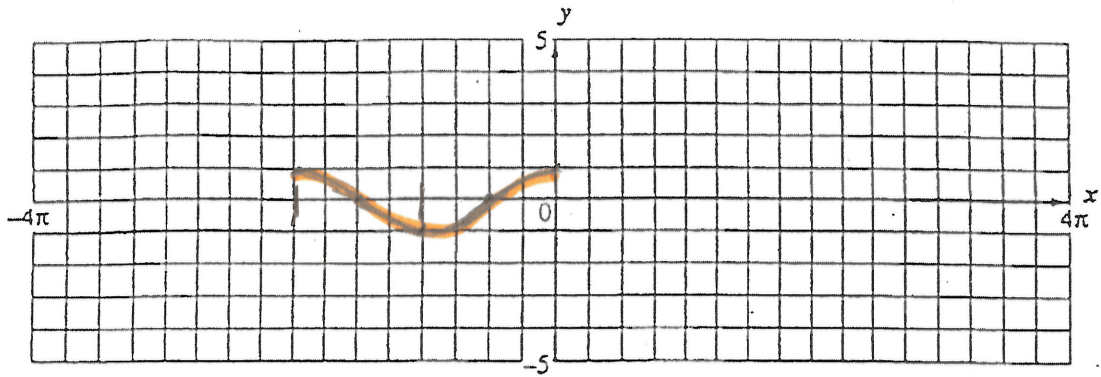
Make a sketch of each trigonometric function without using a calculator.

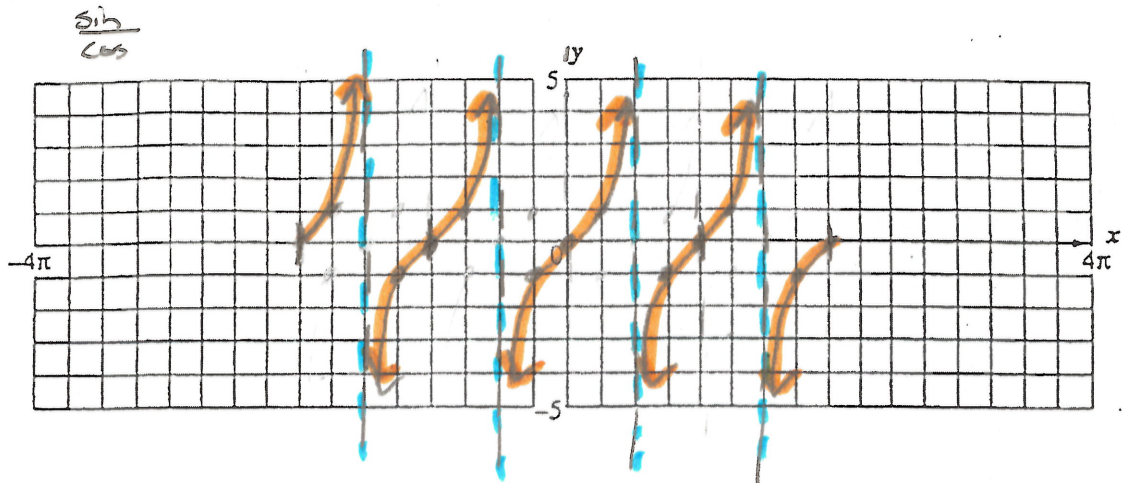1) $y = \sin x$ $0 \leq x \leq 2\pi$

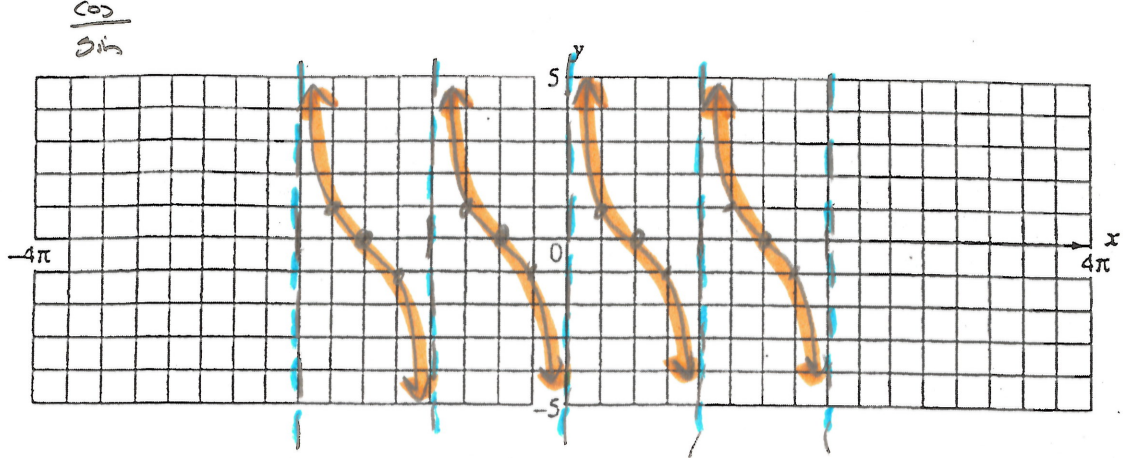2) $y = \cos x$ $-2\pi \leq x \leq 0$
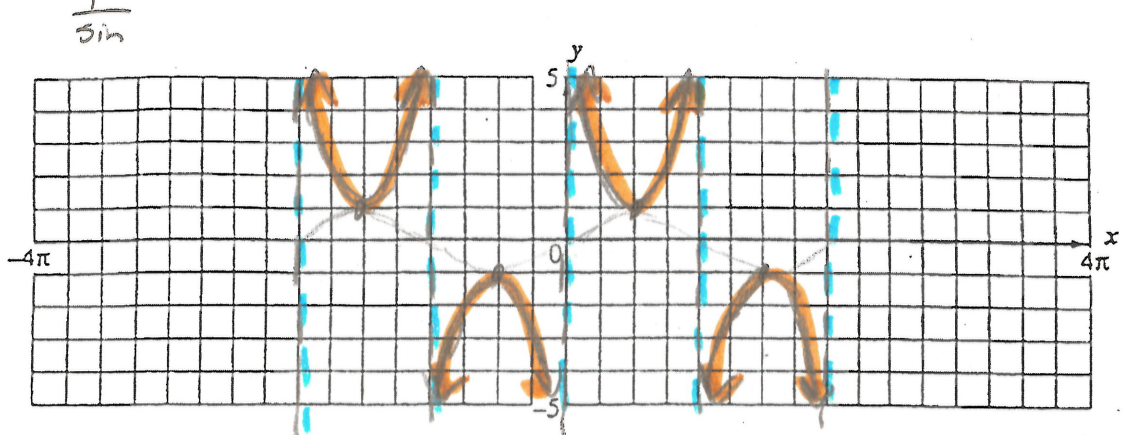

3) $y = \tan x$ $-2\pi \leq x \leq 2\pi$

$\dfrac{\sin}{\cos}$

4) $y = \cot x$ $-2\pi < x < 2\pi$

$$\frac{\cos}{\sin}$$

5) $y = \csc x$ $-2\pi < x < 2\pi$

$$\frac{1}{\sin}$$

6) $y = \sec x$ $-2\pi \leq x \leq 2\pi$

$$\frac{1}{\cos x}$$