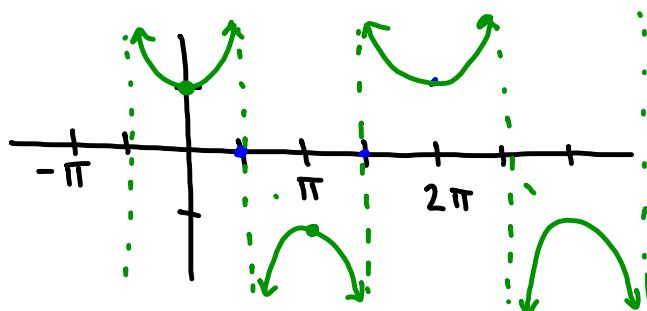$y = a \sec(bx - c) + d$

$\sec \theta = \dfrac{1}{\cos \theta}$

$y = \sec x$

$x = -\dfrac{\pi}{2}$ $\qquad$ $x = \dfrac{\pi}{2}$ $\qquad$ $x = \dfrac{3\pi}{2}$

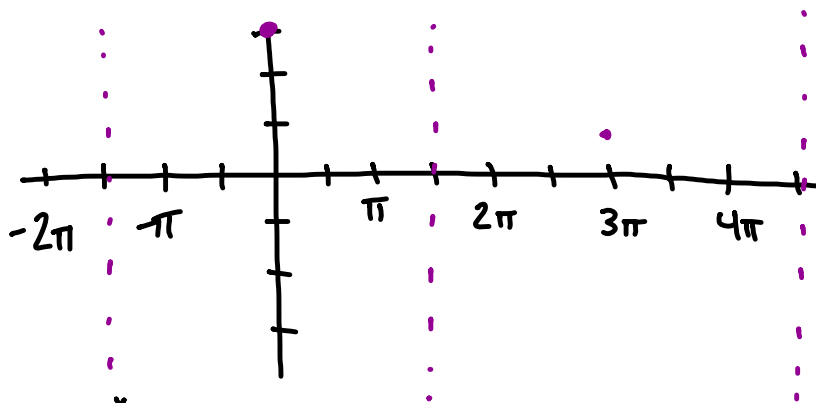$\qquad (0, 1) \qquad (\pi, -1)$

⑭ $y = 2 + \sec \dfrac{x}{3}$

$\dfrac{x}{3} = -\dfrac{\pi}{2}$ $\qquad\qquad\qquad \dfrac{x}{3} = \dfrac{3\pi}{2}$

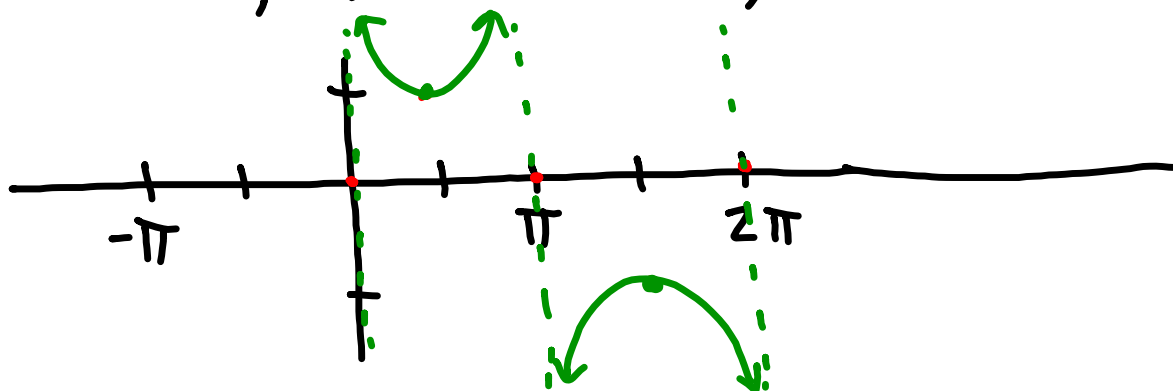$x = -\dfrac{3\pi}{2} \ (0, 3) \quad x = \dfrac{3\pi}{2} \ (3\pi, 1) \ x = \dfrac{9\pi}{2}$

$y = 2 + \cos \dfrac{x}{3}$

$$y = a \csc(bx - c) + d$$

$$\csc x = \frac{1}{\sin x}$$

$$x = 0 \quad \left(\frac{\pi}{2}, 1\right) \quad x = \pi \quad \left(\frac{3\pi}{2}, -1\right) \quad x = 2\pi$$

⑮ $y = 1 + 3\csc\left(2x + \frac{7\pi}{6}\right)$

$$2x + \frac{7\pi}{6} = 0$$
$$2x = -\frac{7\pi}{6}$$
$$x = -\frac{7\pi}{12} \left(-\frac{\pi}{3}, 4\right) \quad x = -\frac{\pi}{12} \left(\frac{\pi}{6}, -2\right) \quad x = \frac{5\pi}{12}$$

$$2x + \frac{7\pi}{6} = 2\pi$$
$$2x = \frac{5\pi}{6}$$