

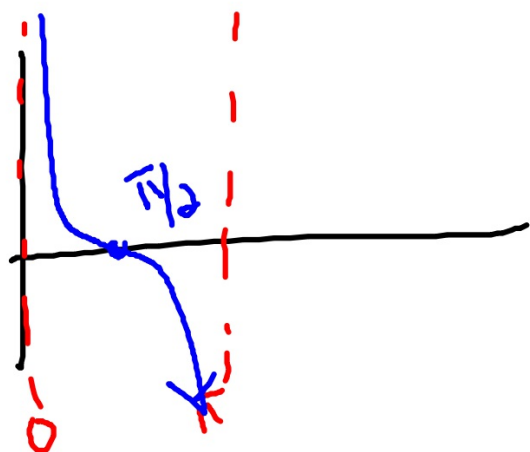
33) $y = \cot \theta$

Amp: none

PD: π

Chgs: none

Asm: $0, \pi$



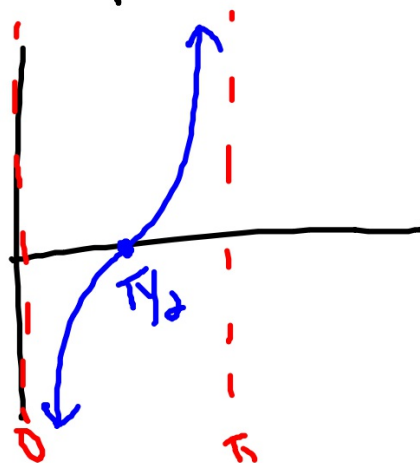
34) $y = -\cot \theta$

Amp: none

PD: π

Chgs: Refl. x-axis

Amp: $0, \pi$



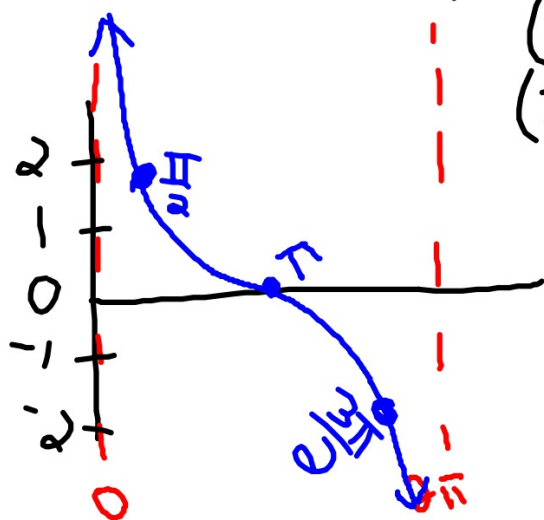
36) $y = 2 \cot \frac{1}{2} \theta$

Amp: none

PD: 2π

Chgb: vert. stretch

Asm: $0, 2\pi$ Pts: $(\frac{\pi}{2}, 2)$
 $(\pi, 0)$
 $(\frac{3\pi}{2}, -2)$



38) $y = \cot 3\theta$

Amp: none

PD: $\pi/3$

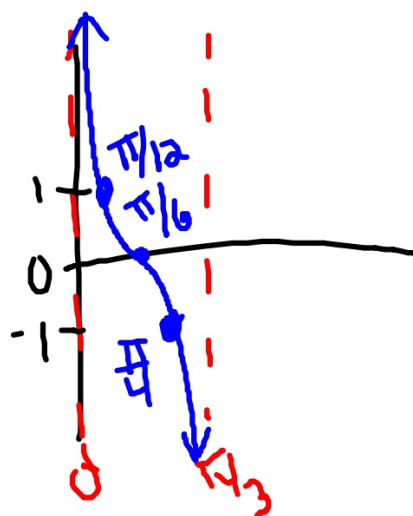
Chgb: none

Asm: $0, \pi/3$

Pts: $(\frac{\pi}{3}, 1)$

$(\frac{\pi}{6}, 0)$

$(\frac{2\pi}{3}, -1)$



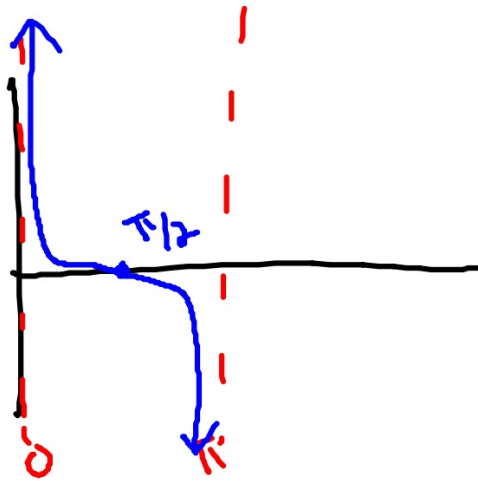
40) $y = \frac{1}{2} \cot \theta$

Amp: none

pd: π

Chgs: Vert. Shrink

Asm: $0, \pi$



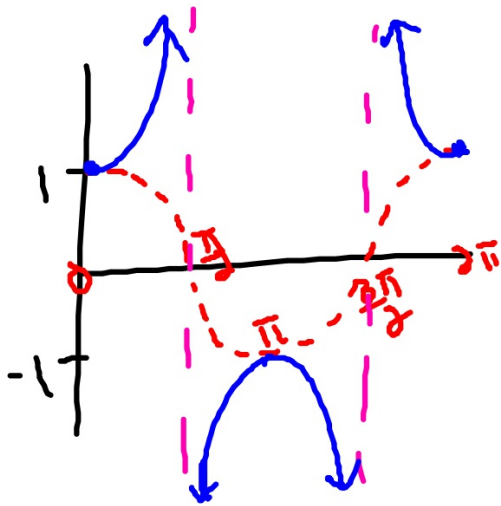
51) $y = \sec \theta$

Amp: 1

$P_b: 2\pi$

Chgs: none

Asm: $\pi/2, 3\pi/2$



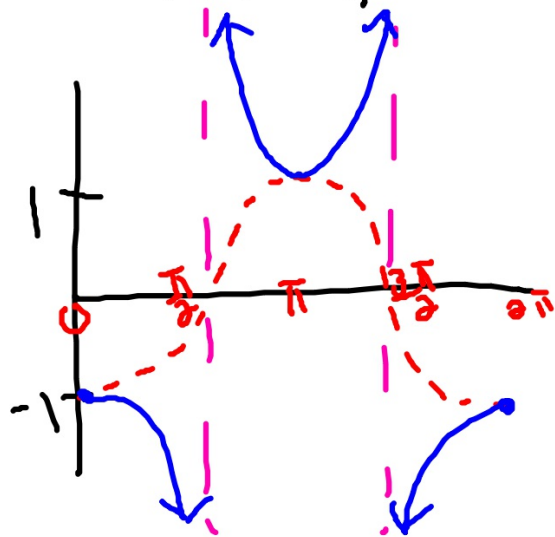
53) $y = -\sec \theta$

Amp: 1

$P_b: 2\pi$

Chgs: Refl x-axis

Asm: $\pi/2, 3\pi/2$



(55) $y = \sec 2\theta$

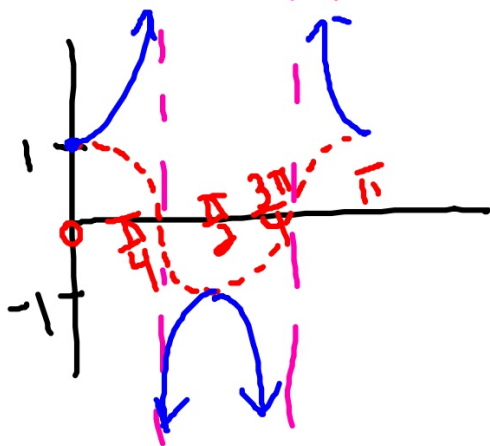
Amp: 1

Per: π

Chgs: none

Asm: $\frac{\pi}{4}, \frac{3\pi}{4}$

Pts: $(0, 1)$
 $(\frac{\pi}{2}, -1)$
 $(\pi, 1)$



(57) $y = 2 \sec \frac{1}{2} \theta$

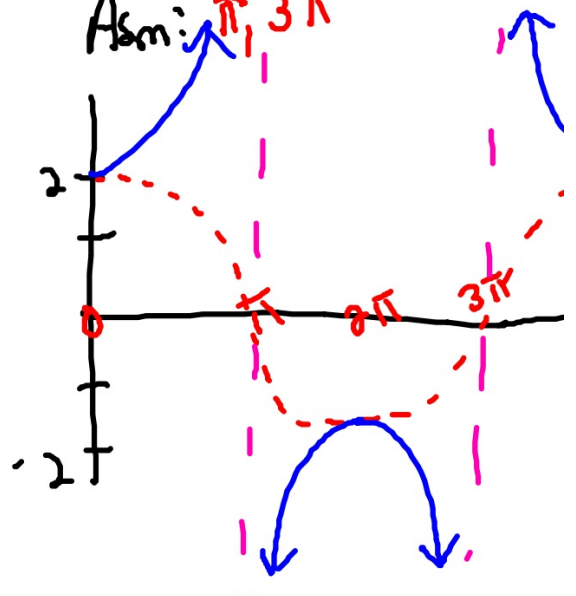
Amp: 2

Per: 4π

Chgs: none

Asm: $\pi, 3\pi$

Pts: $(0, 2)$
 $(2\pi, -2)$
 $(4\pi, 2)$

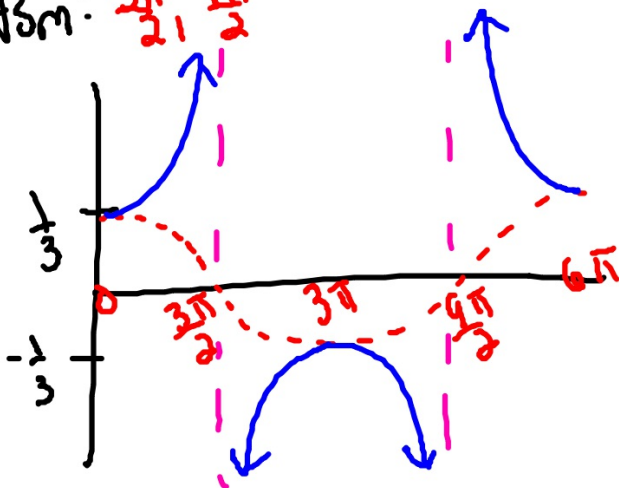


⑤⑨ $y = \frac{1}{3} \sec \frac{1}{3} \theta$

Amp: $\frac{1}{3}$ Pts: $(0, \frac{1}{3})$
 $(3\pi, -\frac{1}{3})$
 $(6\pi, \frac{1}{3})$

Chgs: none

Asm: $\frac{3\pi}{2}, \frac{9\pi}{2}$



⑤⑧ $y = -\csc \frac{1}{2} \theta$

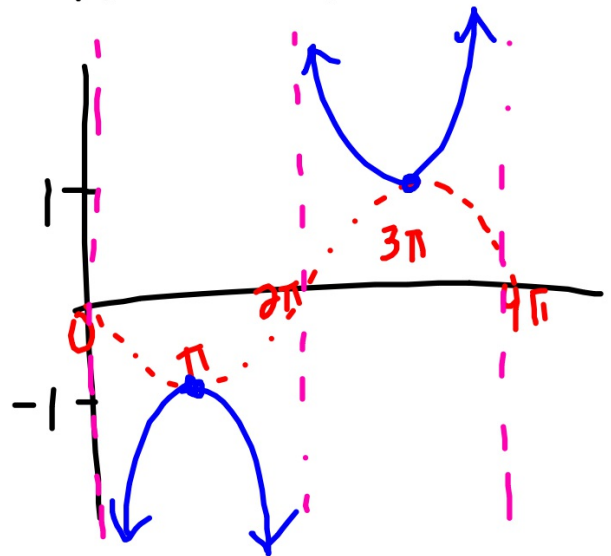
Amp: 1

PD: 4π

Chgs: Refl. x-axis

Asm: $0, 2\pi, 4\pi$

Pts: $(\pi, 1)$
 $(3\pi, -1)$



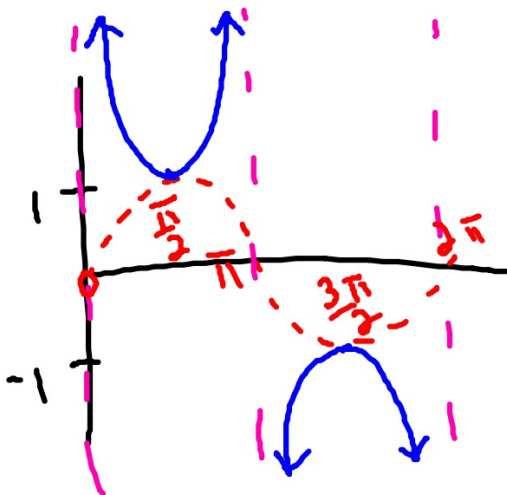
(52) $y = \csc \theta$

Amp: 1

P : 2π

Chgs: none

Asm: $0, \pi, 2\pi$



(54) $y = 3 \csc \theta$

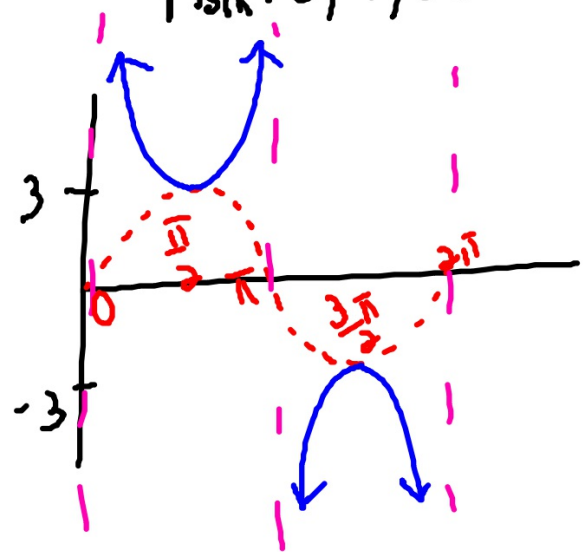
(56)

Amp: 3

P : 2π

Chgs: none

Asm: $0, \pi, 2\pi$



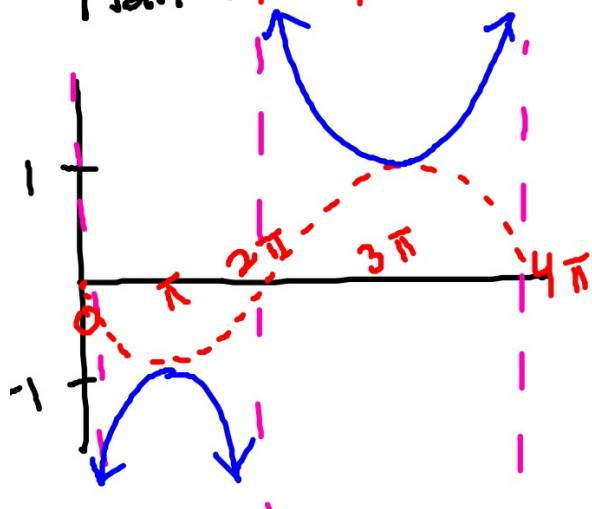
58) $y = -\csc \frac{1}{2} \theta$

Amp: 1 Pts: $(\pi, -1)$
 $(3\pi, -1)$

Per: 4π

Chgs: Refl. x-axis

Asm: $0, 2\pi, 4\pi$



60) $y = 2 \csc \frac{2}{3} \theta$

Amp: 2 Pts: $(\frac{3\pi}{4}, 2)$
 $(\frac{9\pi}{4}, -2)$

Chgs: none

Asm: $0, \frac{3\pi}{2}, 3\pi$

