

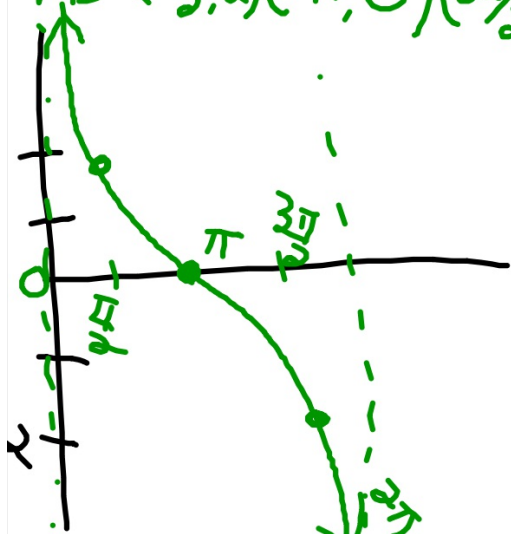
5 wkst: 36, 38, 57-60

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

Amp: none Clys: vert. stretch

Pd: 2π Asm: $0, 2\pi$

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



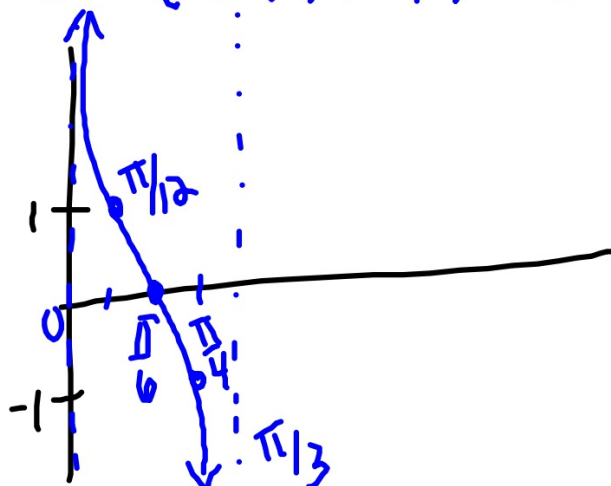
38) $y = \cot 3\theta$

Amp: none Clys: none

Pd: $\frac{\pi}{3}$

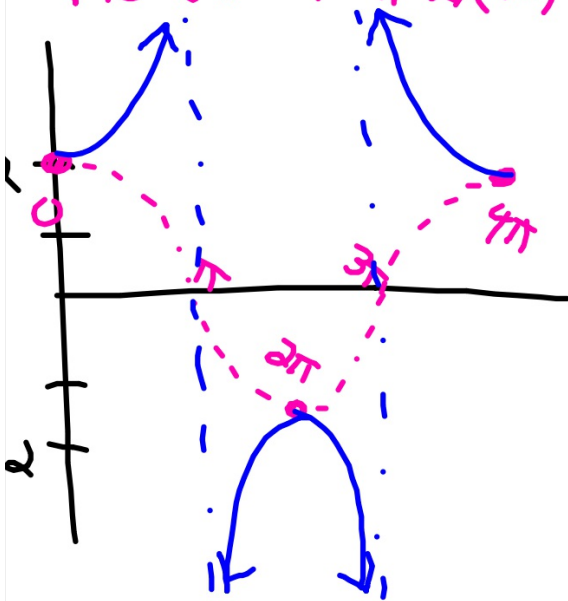
Asm: $0, \frac{\pi}{3}$

Pts: $(\frac{\pi}{12}, 1)(\frac{\pi}{6}, 0)(\frac{\pi}{4}, -1)$



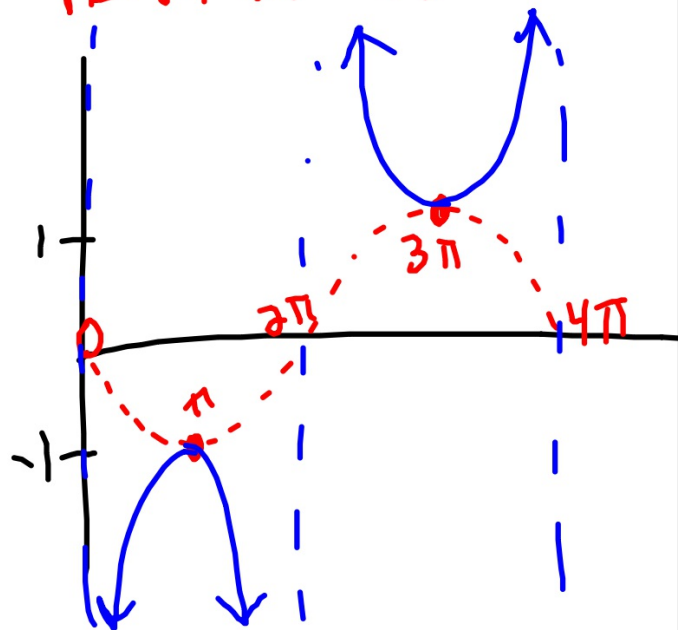
(57) $y = 2 \sec \frac{1}{2} \theta$

Amp: 2 Chgs: none
 Pd: 4π Asm: $\pi, 3\pi$
 Pts: $(0, 2), (2\pi, -2), (4\pi, 2)$



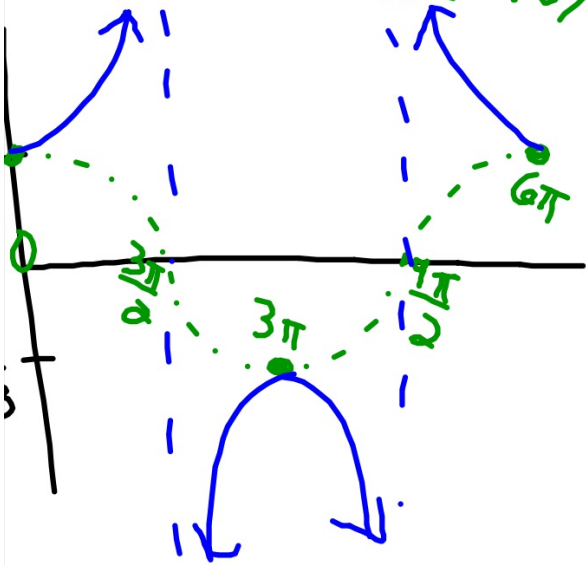
(58) $y = -\csc \frac{1}{2} \theta$

Amp: 1 Chgs: Refl. x-axis
 Pd: 4π Asm: $0, 2\pi, 4\pi$
 Pts: $(\pi, -1), (3\pi, 1)$



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

Amp: $\frac{1}{3}$ Chgs: none
 Pj: 6π Asm: $\frac{3\pi}{2}, \frac{9\pi}{2}$
 Pts: $(0, \frac{1}{3}), (3\pi, -\frac{1}{3}), (6\pi, \frac{1}{3})$



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

Amp: 2 Chgs: none
 Pj: 3π Asm: $0, \frac{3\pi}{2}, 3\pi$
 Pts: $(\frac{3\pi}{4}, 2), (\frac{9\pi}{4}, -2)$

