

to Acos (Sxec SeD 1+ SIN (BX+C)+D f = 3sinax +2 A=3 05×820 P= 1 = 21 B=21 C=0 7 = - 5 tos Tox ~/A/=5 CP=2=30 => B=0 -1 5 X 5 5 C=0 C=0 y = -5 sin (TX + T) ナ!=+ c 3 C=至/

COLA = 5 = 5 = 5)

20 7 = -4 sin (3x 11) - 3

-- 2 - langeni. 7 = Atan (15x+C)+D Domain: X+(21+1) 5 Range: (-00,00) -> discontinuous @ X=(2n+1) = -> No Amplitude > 115, Max, 115 Min. - Period: P = To (Period T) - xintercept: X= NT inside of any Trig > Argument 13x+C (15/29) 1 cycle, 0 \le argument \le to 三三 11 三年

H= none P= (x + 1)

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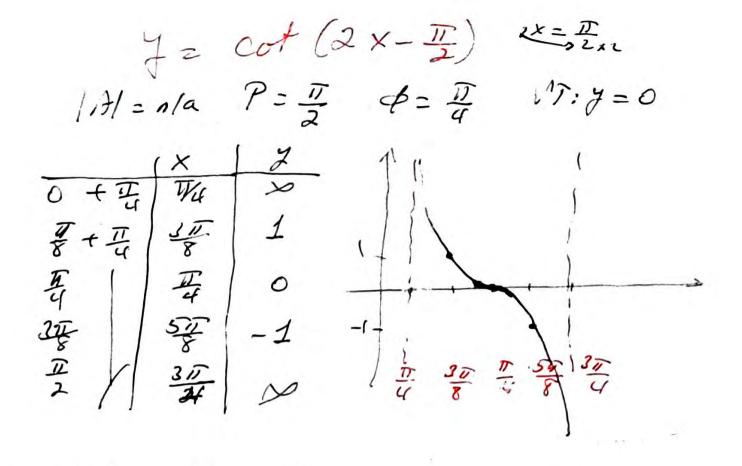
U= 1/4

 $J = \frac{1}{2} fan \left(X + \overline{U_q} \right)$ $|A| = none \quad P = \overline{U} \quad D = -\overline{U} \quad |D| \quad y = 0$ $|A| = none \quad P = \overline{U} \quad D = -\overline{U} \quad |D| \quad y = 0$ $|A| = none \quad P = \overline{U} \quad D = -\overline{U} \quad |D| \quad |$

Domain: X \$ 100 Pars, No Max, No Min

Period & 10 P = TI

Xinhauph, X = (2no) TZ



Amplitude, Peniod, Phase shift, Vertical T

Graph 1- cycle.

) ne 11! lifére Class

#3
$$7-21$$
 $y = -4 \tan \frac{1}{2} \times + \frac{\pi}{2}$

1.7: $y = 0$
 $X = -\pi$
 $X = -\pi$

$$\frac{45}{45} = 2 \cot (2x + \frac{7}{2})$$

$$1H = n \ln R$$

$$R = \frac{7}{2} = \frac{7}{4} = 0$$

$$\frac{7}{45} = \frac{7}{45} = 0$$

$$\frac{7}{45} = 0$$