## SEC 2.6 GRAPH OF OTHER FUNCTION

1. TANGENT FUNCTION:

y = d + a tan (b(x-c))

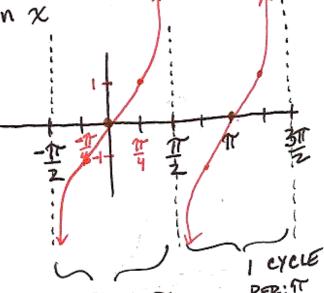
AMPLITUDE

PERLIOD: IT

AMP: 1

PER: I

2. GRAPH: y=tan x



PERID: T

PER: TT

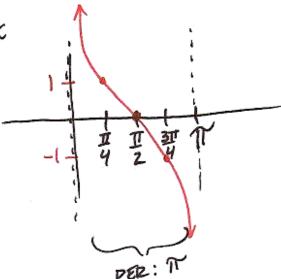
3. COTANGENT FUNCTIONS

y = d +a cot(b(x-c))

AMPLITUDE PERIOD: IT
|al

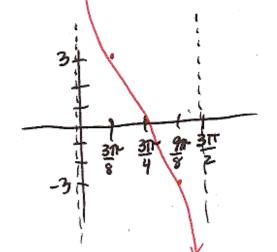
4. GRAPH: y = cot x

AMP: 1



PER: TO

EXAMPLE: y=3 cot =x



y = d+acsc (b(x-c))

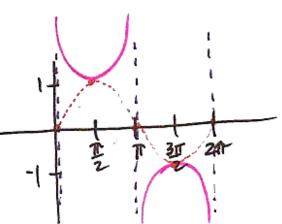
AMPLITUDE |al

PERIOD: ZIT

## 6. GRAPH: y=cscx

Amp:

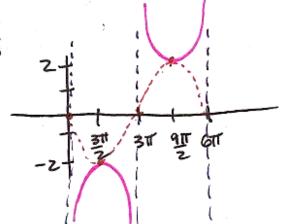
PER: 2TT

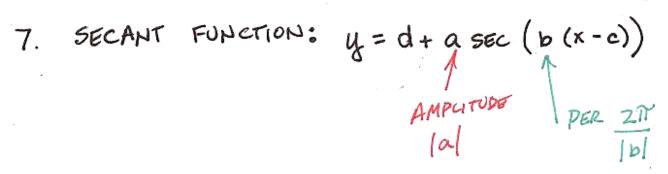


## HOW TO GRAPH:

- 1) LIGHTLY SKETCH THE SINE FUNCTION
- 2) EVERYTIME THE SINE FUNCTION CROSSES THE X-AXIS, DRAW AN ASYMPTOTE:
- 3) DRAW THE "VALLEYS"
  AND "HUMPS" OF
  COSECANT FUNCTION

AMP. 2 REFLECTED PER. 21 . = 617





AMP: 1

DER: ZIT

( LIGHTLY SLETCH THE COSINE GRAPH ...

