PCBCH: Mr. Jones Solutions to problems 1, 2 [Supplemental] From HW #3

Given F(0) = 3 sec (20-1/2) +10 ~ Call entire angle "A"

Domain: All O such that Cas(A) \$ 0

A # M2 + MO Where n & 2

- 20-72 + 7/2+m where n+ 2

-> 20 ≠ m + mn where n= 2

is the entire term of the property of the pro

This is an ok Find answer, but it

can simplify to 0+ (I)n where ne Z

Rage: we play off of ar mid-hight =10 and our associated assume amp = 3 - Roye: (-00, 7] U (13, +10)

B. Given: g(0) = 2 cot (0 + 1/2) call entire Angle "A) Domain: All O such that SN(A) \$0 A # I'M where n & Z - O+TE + TIN Where NE Z to 0 # - 1/2 + Mr. Where ne I (or some equivdent) Penge: All reals or (-100, 10) e cot shipe reaches all heights

2. Sketch one period of F(0) = 5 csc [4(0-17)] +7 The will graph the "reference" cure P(0) = 5 sin(4(0-41))+7 and then "play" off of it [Maxes become mins, etc...] P(0)= 5 sin [4(0-17)]+7 b=4-> P= == = > +P= 8 good choice of horiz axis tick mark specify The positional shift is miright - we can "re-orient" to (17,7) and pretad (TT, 7) is our new origin omp=5 Les Men oran at (4) K Jourse cons 2