PHASE + VERTICAL SHIFT / GRAPHS OF SECX/CXX GRAPHS OF $y = (x-5)^2$ $y = x^2 + 3$ $V_P = 3$ $y = 3 \cos (4x+\pi) - 2$ amp. 3period 21 = 1/2 Vertical -2 (3x-57)/2 Phase $(4x+\pi)$ $4x+\pi=0$ (horrz. Shift) $4(x+\pi)$ $4x=\pi$ 4x = -13(X-5#) X = -T/4 1stt 11/4 2 X - 5 = 0 -1/2 4=a _ (bx+c)+d

amp |a|
period 211

Phasehift bx+c=0 Vertical L Shift Sec CSC NA ZIT

bx+c=0 bx+c=0







