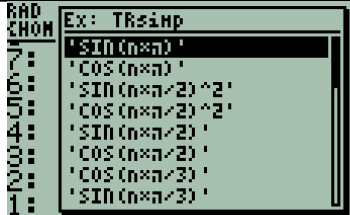
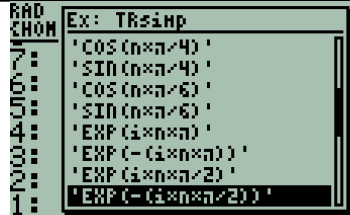


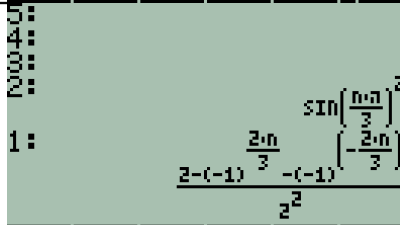
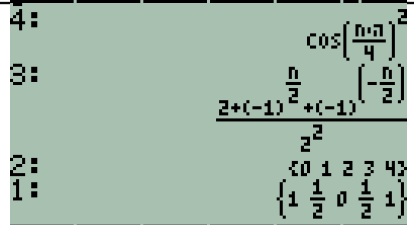
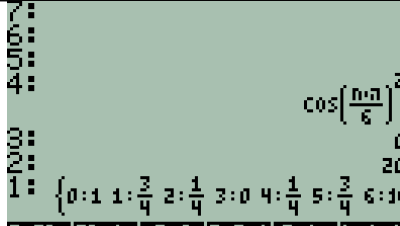
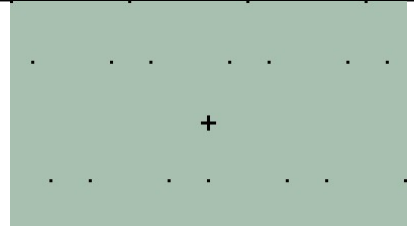
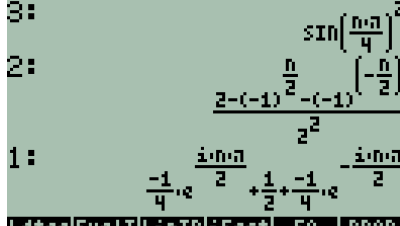

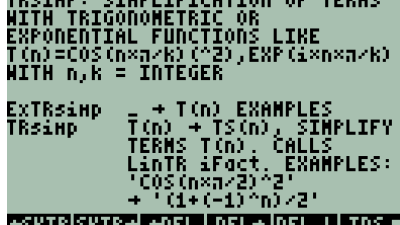
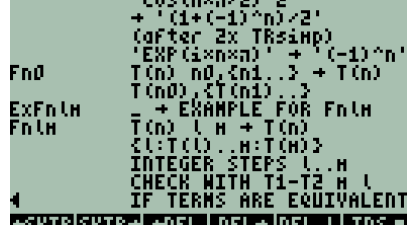






# TRSIMP

ExTRSIMP: examples		
TRsimp: trigonometric simplify		
TRsimp: trigonometric simplify		
Fn0: insert values in term		
Fnlm: insert n from l to m here 0-20		
Lplot: plot list obtained from Fnlm		
TRsimp: trigonometric simplify		
LinTR: linearise term		
HelpTRSIMP	<p>TRSIMP: SIMPLIFICATION OF TERMS WITH TRIGONOMETRIC OR EXPONENTIAL FUNCTIONS LIKE <math>T(n) = \cos(n\pi/k)^2</math>, <math>\exp(i\pi n/k)</math> WITH <math>n, k = \text{INTEGER}</math></p> <p>ExTRSimp: + T(n) EXAMPLES TRsimp: T(n) + TS(n), SIMPLIFY TERMS T(n). CALLS LinTR iFact. EXAMPLES: <math>\cos(n\pi/2)^2</math>, <math>(1+(-1)^n)/2</math></p>	<p>Fn0: T(n) n0, n1, ..., T(n) T(n0), T(n1), ... ExFnlm: + EXAMPLE FOR Fnlm Fnlm: T(n) L H + T(n) L1: T(L) L H: T(n) INTEGER STEPS L H CHECK WITH T1-T2 H L IF TERMS ARE EQUIVALENT</p>
HelpTRSIMP	<p>Lplot: L1: T(L) L H: T(n) + L1 SCATTERPLOT OF LIST OBTAINED WITH Fnlm PRESS F1 IN GRAPH MODE TO VIEW ALL POINTS Ldtag: L1: F(L) L1 + L2(L) L1 REMOVE TAGS IN LIST OBTAINED WITH Fnlm EvalTR: T(n), T1, T2 + T'(n), T1', T2' EVAL TERMS LinTR: T(n), T1, T2 + T'(n), T1', T2' LINEARISE</p>	<p>LinTR: T(n), T1, T2 + T'(n), T1', T2' LINEARISE iFact: T(n) + T'(n) FACTOR, ALSO i. EXAMPLE: <math>\sin(n\pi/4)</math> AFTER LinTR HINT: EVALUATE TERMS WITH T(n) n0 Fnlm, T(n) L H Fnlm. EVALUATE <math>(-1)^{(1/2)}</math>, <math>(-1)^{(1/4)}</math>, <math>(-1)^{(1/6)}</math> WITH EVAL.</p>