TEST #1: REVIEW INTEGRATE BY PARTS: 1x5/nxdx CXSIN Lx dx TRIG. INTEGRALS: SIN X COS X dx SIN 3x cos x dx TAN RECTA DX PAN XSEC X CX CSC X COT X dx #3. TRIG. SUB.: 14+x2)3/2 #4. PARTIAL FEACTIONS: $\frac{3}{(X+2)(X-1)}$ #5. IMPROPEZ: #6. DIFF. EQ.: dy = e y, Y(0)=1 * ALSO DO WORD PROBLEMS SUCH AS HALF-LIFE, POPULATION, ETC.