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MOOTY ZUNIM MBB 100 CUL Angela Maths 104 150 x= (sin x)2 (sin x)  $= \left( \frac{1 = (as ax)^2}{2} \right)^2$ 1- Les 22 1-2 cas 2x + (as2 28) (1-105 2x) = 1 / 1-20022 + 1+ (1542 1 - Las 2a 8 = 1 (2-4(052a+1 1+ (05 4a) (1- (05 2x) 16 = 1 (3-4005 2x+ cos 4x) (1- (05 2x) 1.6 = 1 16 (05 2x) = 1 (3-7 15 2x+ (15+x+2(1+ 1054x) -1 (105 bx +1 A5 16 22 3-7105 2x+ 105+x+2+2105 pc -1 (105 6x71053) = 1 11 14 (05 2x + 2105 4x+4+4(054x-1(15 box+14) 2x20 1 [10-15 (15 2 act 6 (05 4x - (15 bx-32 let Sin "x = A (10-15 cos 2x + 2 cos + x - (15 bx) da 2=1 15 500 2× + 6 (0) 42 - (15 bx 32 7-6 10.2 -L= 1 32 32 - 15 Sin 2x + 6 (15 qox - (15 bx + 6) 14

Los " a sin 3a 2 4= (05 a de = - Sin x dr  $dx = - \frac{dy}{dy}$ Sina 550 m = 1- COS 2 x Sto 200 = 1 - 02 S LIS ta São 3x = José Sin 20 4+ - du  $= -\int (1 - u^{2}) u^{4} du$   $= -\int u^{4} - u^{5} du$   $= -\left[ \frac{u^{5}}{5} - u^{7} \right] + c$   $= \frac{1}{5} + c$   $= \frac{1}{7} - \frac{1}{5} + c$ = - S (1-42) 44 du Goa Son ST 8. 3 (152 Sun 3 ac it can be re-wrote as Sin 3x las 2 d x let u= Son ac da = (5 x dx du a la a da.