(dd) (an B = - Jvozmark + zug 172 cos 2 = (1-- 2) + v3 cos2 623= vo2 mi2x+24g vege tothe Ting mind K ((1-11-2) (10 tangs) = 40 min x + 24g (y 6 will - min 2 y 6 mil + 2 my c.52 a car 3 = min 2 + 248 (052 d Con B - muld = 102 tun p - mind tunp - mind = + 245 Ear B - mind (6007 5 +1) = + 249 + m-2 + Em B ton B+1 = - 2 hg + vo2 tan 3 for mind 102 tan B + v3 d = ares'u | - 2 mg & voz (-mz/3 102 Can 3 + 402 Vo = 105 = 95 = 440 2 = 92,930 / 42,4 /43,38 /42,86 / 42,86 33,02 = 94,8380 ; 0 = 9 (8) c) Fg # 72 = 0 - mg - - 8 v2 Jus - v = 72,53 m = 26,40 % Forte = FR FR=ma v=a.E g-a a=v mga-grazuna = mi -yv2 = ma-ang $-\frac{7}{3}$ = $\frac{1}{3}$ = $\frac{1$ v(4) = Fe) tank (Fint + 1 28002) 52 6) 142 to ver = 60 6 comb (at + a) v(t) = be atte + eat-c jill & K.E. Re i(t) = 6 (1-fan (n++c)) a 2(+1= 62 Comh (atec) a.6= ug27/ Engeten: mg - of (x) = un g - mg (x)