30.09.2024	150			
,				
An ellipse, and	ywhere, is given.	have we could	nites, yeah?	
But com you count	on, say, goor	cut's could	not letting	geo down?
it space the nodes	evenly AFTEA	shewing	the instrix	is in.
Balance an elli	iptical disc	petween to	uo points	on a con-
Balance an elli CAVE down d LIKE SO: The 1 take notes: 3:34 30-Sept-202	thing would dampening	have more of coin	energy at one's magnet	the beginning, tic frequencies shrown head
omerwise that only	calculation in	spite of it	, ,	3 103
The weight is 20 mg. A point along the long bout 3 cm from the anti-	the love & sto	t of t. 3.	I(cm). given	of equal after:
enth (it's so special) dome & that the ever IT, but what's which is the charges die	on rocks back	nd forth It goes on	4 5	where Ay is the could were State of the course of the cour
of the Potential Em	of graph cur of points who	h ove		100 64113
oling the due from what shope is the coin? You h	a start to left when I are a star!	fortsh, hemove	OTA	nord: " abord a single abord a single arithmetic arithmetic abord a single arithmetic arithmet
				rectangles not sportes!

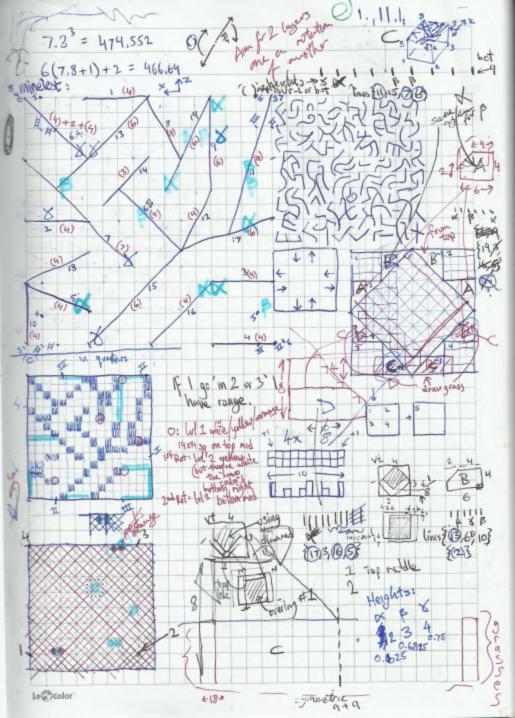
If you have a list of material substraces, and their douisities up as for as platinum, but no reducative stoff on the list, Plot an adjointly to scleet muchon complications, including container weights, but not filling it them to make a goots of a certain mass which is small enoughly the idea is that lets say your a few boxes now: 30m3 full of steel, 4cm3 full of ice, 20cm3 of coal, 2cm2 of gold, and the depositions are 78, 0.920, 1,2, and 19.3 resp. with continues of planar donsity 5g/cm² of regular cube shape, what's to total weight? 3cm x 7.8 g/cm3 + 3cm x 6x 5g/cm2 = 234g + 26g = 243.4g 4cm3 x 0.920 g/cm3 + 4cm3 x 6 x 5g/cm2 = 3.680g + 120g = 483.680g 20cm3 x 1,2g/cm3 + 20cm2 x6x5g/cm2 = 24g + 12kg (32 x 100) x 6x5g/cm2 = 2 15 70% of x M volume = 3/29 which is about the 3 or The length of the unfilled cube's side is 3) 10 × 2 close ender h to t 21.418983412. about 01.44 then squeed + 6x Sg/cm2 = 6.04054177. and + the insternal itself seems of gold of 19.3g/cm 13 = 169 and let's say, 13=2197 = 38.69 he algorithm uses up 93 = 729 S.b total 44.649 to 5 continuen but mughe around altogother: .42 then may only take one of them which is new as prostrally filled, and 298.49 + 483.689 close to 52 the total must be exactly + 12,0245+ 44.649 actually 12 kg of veight, but lets home or pryper look. the volumes may only be 12845.729 12 84572 19 17: 12 : 1.41421356... discrete integer lengthed alyes. So in the excupte, it who only have I It right, how which gold (52) = 2.828927125 ... not stim, do you really take well, you getter probably 1(3) = {(5,12,13,3) (EL=1.41421356... change the volume of cold down to 19cm leathed we 1.43 = 2.924287-(dellaps copoles) 1.443 2 7 985984. copes and the mass potty number 3. 1.44224957... 5 = 55 = 55 Le@color' 13 =3.013717421 close. x6 = x3.72 = x3.x2 bit class!

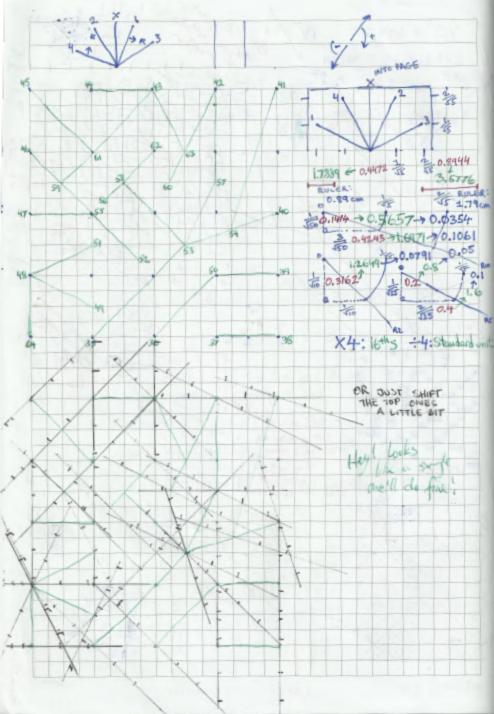
he was a lord of 27 the pre-There was an origin avendment: (3cm)3 of steel of 7.8 y/cm3 coal: 483,689 15 7.8 x27 = 70.29 and 32 x 6 x 5 g/cm2 = 270g, +++ 340.29 19cm at 1.29cm3: Ke 64x6x5= 1920g + 64x0.980 = 64,28 62.729 = 350 tot: 254.729 516857 × 1.2 = 6859 doing the others properly: 8230.89 + 2057709 27×7.8 = 70.24 Steel: 32 cm x 7,80km2 6x32 + 12x3 + 8 = 989 tot: 168.20 214000,89 lee: 43 x 0.980 g/cm3 = 64x (1-50) 214kg = 62.72 but clearly that 12×4 +8 = 96+48+8= 1520 to bear tot: 214-72-4 10,6328ky 19 cm side cube whose vernous y weight: , 5528 coal of 1.2 y/cm3 15 of please deporting Soutcom ty 50 984.28 9 left of some Sylven muterial) the discrete box ways (15) ustend of Bx1g/en3 + 12x ng/on3 + 6x ng/en3 1: 26cm x 50/cm3= (200) 8+228 + 246 q = 24029 2:(6x4+12x2+8)x5 = 56x5 + 2600 but felled with coal is 3: (6x9+12x3+8)x5 = 98x5 = 4900 empty. 198 x 1.2 gr 6859 and \$ 494.289 of gold 68590 8230.89 = 8.2308 + 2.402 kg 193 49428 = 25.6 10.6328 kg 10828 94.85319516... 1/6 So H's very newly 1188 1150

6(n+1)2+2 6n2+12n+8 " 6n2+ 12n+6+2 x 6x - 12x -8 =0 othe exercise: \$2 = 6(x+1)2+2 = 15 about 7.8 tols
other exercise:

get 10 kg of {copper 8.5g/cm², gold 19.3g/cm², milko 1.03g/cm², air 0.001293 Abolhe example: container made of steel 7.8g/cm. trying for corregity just the air: 70100g = 70kg 200g (30cm) @ 1.8 /cm = 27000 x 7.8 = try icm3 air so, it's still beauty cause of the containers and we wind that gold. tant air cases: steel cases: 11th 1: 26 x 7.8 = 132 x 2 x .6 6.169 = 202.29 ... > sniff i . 2 cm3. 8 2: 56 × 7.8 = 436.8 a 2 x 0.001293 =0,010344 27 3: 98 67.8 = 7.8(100-2) = 780-156 = 764.49 AIR: TOT: 436.8103449 64 4: 152 × 7.8 = 1185.63 25 5: 218 1976 16 6: 296 1976 rick 2cm = 103 yen3 436. By continuer 125 5: 218 and 8x1.03g/cm3 wilk 216 6:296 = 449049 1185610 343 7:384 Capped 3 suc x 8, Soften 512 8:488 5 cm contamer: 10 gold: 43 x 14.3g/cm3 218 x 7.8 - 1218 64x19.3 = 73 cm3: 143 5 cm 6 cm container: 386 1700,4 772 296×7.8 296 125 - 14.3 1544 63 cm3: 3088 3848 5176 7° cm: 216 × 19.3 2308,89 13525 GH77.69 = 193 343 × 14.3 6 cm cube 34347.8 384×75 1 9457 694.8 x5246 4992 3247 41688 5516 6619.99 299529 So, (7 cm) of gold leaves 384.99 for copper left of 9615.19 then it's I can capper and there's some will In your suy to chilarge failed then. You're + got it exactly or the computerill Le Color Kent 100.

Using 6477.69 of the gold certainer lennes 3522.49 left. 35 22 341 mlh can 881.850344 2640.5396569 left for cryper. 8-5 pt-3 can: 1185,60 17, 37, 68, 156, 212, Home 4cm fl: 64x8.5: or Som partial: 1700.49 con somes 940,5396569 for the copper 125 x 8.5 = 42.5 x 25 10625g so 7/3 88,52137939.../o and fair, milk, copper gold) in stal: 15 {2,2,(5) 089%, 7} of different sustances, They've to be integer withins. making iolog let's go: gold, steel, copper, aboutnoon of earthelansses: \$5,4,1,13 15 331 9650-119 € Vol of sphere is 4003 So 40 (5) x 19.3 g/m 3 is 45 (93-57) ×7.8 = 45. 35 . (729-125) = 1567 (604) 9 (103-93) 43 × 8.5 = 271×34-119 (113-103)47 ×2.7 = 331.(36)719 19450 194224 31408 TI 14547 12 x22 1600172 Interest 320034 910 1346 13.22 286 - 16003655 - 15 2 | 8218) 45721\$1059) ≈ 45.7kg 22862 = 105 9 ~ 14547 15 TT 9





500人3 昼大0 ~ 0.31623(4.) 1-OCT-24 30 = 0.9486836.) photo misse OI V Tours (DIE CARE) WEE BOST DIAT SRASS 0.375 0.875 0.625 0,375 (1,0,5157) 0.0615, 0.5625 0.9375 0.5625 012(1,03 (1, NVSS) -0.1875 0.4375 C(1,0310) 4 0.3125 0.3125 0.625 0.25 (1,0,10) GRASS SIDE TOP 0.125 (0.875, 0) 1,0 0,0

