n(un): n(n+1)(n++) Base = n=1 TOTAL TOTAL TOTAL TOTAL F & u(a+1) = n(n+1)(n+1) 502 & u(k+1) = u(u+1)(u+2) (1)(4)=(1)(4)(3) 2 = 1 (4+1+1+1+1) (4+1+1) (4+1+1) M nsul somment utl u(un) = (un)(u+2)(u+2) 1 + 5 + 20) (1+ 20) + (1+ 1) (1+ 1) = & n(u+i)+ (u+i)(u++) (6+4) (114) + (114) d = u(u+i)(u+x) + (u+i)(u+x) = (un) (ut) (Kt1) = (u+1)(u+2)(u+3) = (k+1)(k+1)(k+3) = (k+1)(k+1)(k+3)

(21-26) n! >3n, n=27 7.6.5.4.1.2.1 73.7 5040 7 21 the first state of the state of went to the first production of the n=K n'. >3h, n27 The state of the s n=un (uti): >3 (un) = (uri) cu:) 23(uri) with the state of the second s 3u+3 < k:+3 < u:(un)=(un): ~ K! = 50-10 un= 8





Q1-3) 3" in n westing?	
base: n=1	
3=3 coins in 1 weiging	The state of the s
put two cois on scale. If one	of false, siale will show.
If scale doesn't show, 300 com	
	Must know it forte com
n=u	uru be lighter or heavior.
	Othouse cont se due in n ups 25.
3 m u	
<u>neu</u>	(5 M) (5 M) (14 M),
• •	Frankling - Transfer (1900)
Split zun pro 3 groups ot	I and west, two groups. Some I the group contains the falle.
as in base cose. (1) worsh to fin	I the gove contain the falle.
Dais must so for the sours of	3" with mules (W) stres
So, well the total of Wet) str 5
	1730 (1430) 1 2 Et 20 5430
This, zun ster ster	

THE RESIDENCE OF THE PARTY OF T

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