C(n+r-1,r)
Date f) 2 dozen, at least: 1 plain 7 9.
1) dozen, at least: 1 plain 19. 2 cherry 3 choca 2 applient. no more: 3 broad;
N=5 1 (28 M)
No bioccoli: n=5. 1 broccol; = r=14 2 broccol; = r=13 3 broccol; r=12 C(19,15) = 3875. C(18,14) = 3060 ((17,13) = 2380 C(16,12) = 1820
lota = 11,155.
16. x, +x2+x3+x4+x5+x6=29.
(a) N; 71 for ;=1,2,3,4,5,6 [et n';=n;-2, i=1,2,3,4,5,6
$x_1^2 + x_2^2 + x_3^2 + x_4^2 + x_5^2 + x_$
C (n+r-1, r), r=17
C(22, 17) = 26,334.
b) n, 71, n, 7, 2, n, 37, 3, n, 47, 4, n, 575, n, 7, 6
$\frac{1}{\chi_{1}^{1} = \chi_{1} - 1}$ $\frac{\chi_{1}^{1} = \chi_{2} - 2}{\chi_{3}^{1} = \chi_{3} - 3}$ $\frac{\chi_{1}^{1} = \chi_{2} + \chi_{3} + \chi_{4} + \chi_{5} + \chi_{6}^{1} = \chi_{1} + \chi_{2} + \chi_{3} + \chi_{4} + \chi_{5} + \chi_{6} - 1 - 2 - 3 - 4 - 6 - 6}{\chi_{3}^{2} = \chi_{3} - 3}$ $= 29 - 72$
21/4 = 24-4 = 7 21/4 = 25-6 C(n+(-1, r), r= 7 21/4 = 25-6 C(n+(-1, r), r= 7)
$n_{i} = n_{i-6}$ $C(22,7) = 792$

Date	Date
() n, 55 -> Total -(n, 75)	train ler
Grand total = n=6	
r=29	and of s
C(34, 29) = 278, 256.	
The same of the sa	740 Th
-1 , -1 , define $n'_1 = 21, -6$	F18 - 614
	-6
=29-6	
= 23	SET - X. + / X
C(n+r-1,r), n=63	
C(28,B) = 98,200	1.2.2.1.1. 10
	5- 5-3
n, sr = 278, 256-98, 286	
- 179,976	+ 19 + 19 9
Jn, <8 n278	
	2 (
2278.	111111111111111111111111111111111111111
$\chi'_{2} = \lambda_{2} - 9$	and a (FI
2 +2 +2+ 2+ 2+ 2+2+2+2+2+2+2+2+2+2+2+2+	
r = 21-9 = 23	EN SULA
((n+r-1,r), r=20)	1-1/2
C(25,20)=53,130	5- 5
	1 5- X
	1120