23.5.30

$$325 - 1 = 1$$

2. $10000 - 100 - 21 + 9 = 9883$
4. $C_{13}^{3} - C_{9}^{3} - C_{1}^{3} - C_{5}^{3} + C_{3}^{3}$

 $=\frac{1}{6}(1716-504-210-60+6)$

5 (1) Cil - 3Ci = 57

点接枚举 得到 k=1, r=6,

k=3+2+1+1=7,

15. X4 → Y2 => X1 → Y1

故 R(···)= 1+6x+7x2+ x3

(1,5,4,3)这3种族

显然三有(1,2,4,3),(1,5,2,3),

 $(2) C_{12}^{2} - 3C_{r}^{2} = 48$

=158

= 871

r= 1

$$f = 9883$$
 $C_{c}^{3} + C_{c}^{3}$

 $|0. \frac{9!}{3!4!2!} - \frac{7!}{4!2!} - \frac{6!}{3!2!} - \frac{8!}{3!4!} + \frac{4!}{2!} + \frac{6!}{4!} + \frac{5!}{3!} - 3!$