

<b>plan</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
$a_0$	(0,0)	(1,0)	(2,0)	(3,0)
$a_1$	(0,0)	(1,0)	(2,0)	(3,0)
$a_2$	(0,0)	(1,0)	(2,0)	(3,0)

$$\frac{n!}{k!(n-k)!} = \binom{n}{k}$$