# 점화식

## 2행

f(i) => 컬럼i full case = 1

n(i) => 컬럼i not full case = 3

a(i) => 컬럼i all case = 4

 S(2x1) = a(1) = 4

 S(2x2) = S(2x1)\*a(2) - f(2)\*f(1) = 4\*4 - 1 = 15

 S(2x3) = S(2x2)\*a(3) - f3(3)\*f(2)\*n(1) = 15\*4 - 3 = 57

 S(2x4) = S(2x3)\*a(4) - f(4)\*f(3)\*n(2)\*S(2x1) = 57\*4 - 12 = 228 - 3\*4 = 216

 S(2x5) = S(2x4)\*a(5) - f(5)\*f(4)\*n(3)\*S(2x2) = 216\*4 - 3\*15 = 864 - 45 = 819

점화식

if N==1 then S(2x1) = 4

if N==2 then S(2x2) = 15

if N==3 then S(2x3) = 57

if N>3 then S(2xN) = S(2x(N-1)) - 3\*S(2x(N-3))

흠.. 여러 행 점화식은??

## 3행

 S(3x1) = 2^3 = 8

 S(3x2) = S(2x3) = 57

 S(3x3) = S(3x2)\*8 - (2^6-S(3x2)=7) \* 8

(2^6-S(3x2)=7) => S(3x2) 제외칸 수