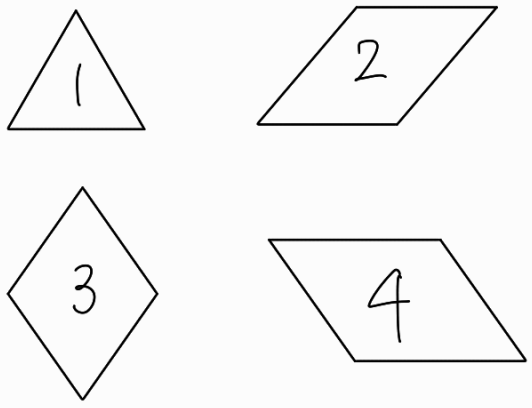
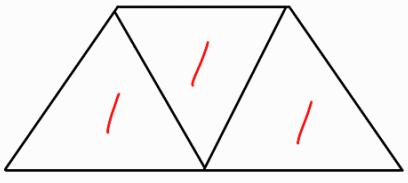
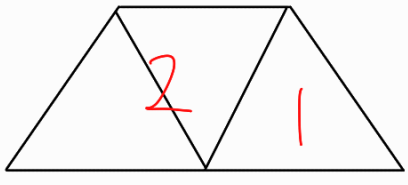
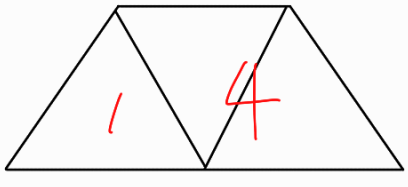
h = 1



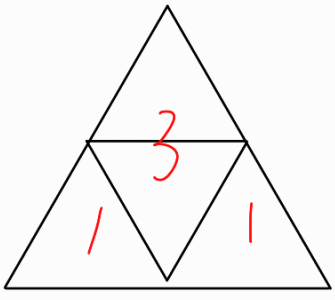

tops = 0

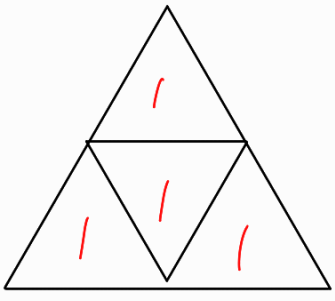


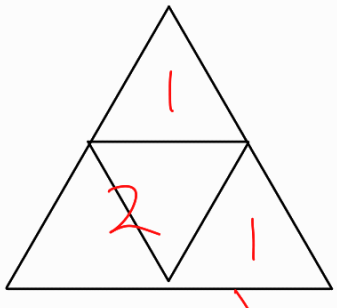



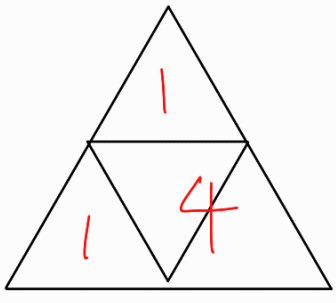




tops = 1

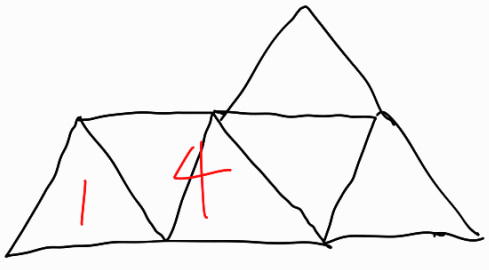



tops = [0, 1]  3×4 = 12?

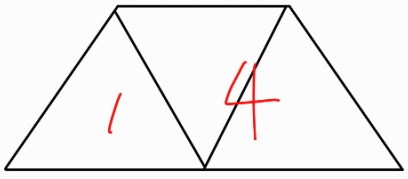



14의 경우 안되어 [0, 1]은 11이다

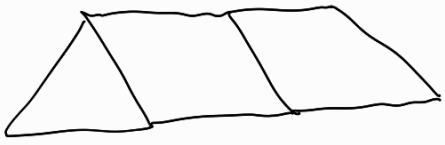
따라서 dp1 마지막을 4로 끝낸경우.
dp2 그외

tops 0 1

dp1

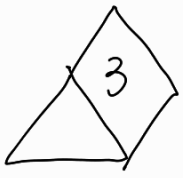



→



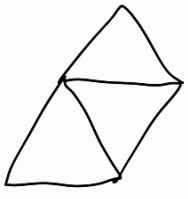
이 경우 밖에없다

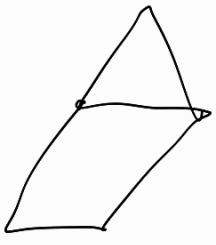
dp2



→





전경우의 tops는
신경쓰지않고
다음상태의 tops만 주의

① dp1 → dp1 1가지

② dp1 → dp2 tops=0→1, tops=1→2

③ dp2 → dp1 1가지

④ dp2 → dp2 tops=0→2, tops=1→3

$$dp1[i] = ① + ③ = dp1[i-1] + dp2[i-1]$$

$$dp2[i] = ② + ④ = dp1[i-1] * (1 \text{ or } 2) + dp2[i-1] * (2 \text{ or } 3)$$