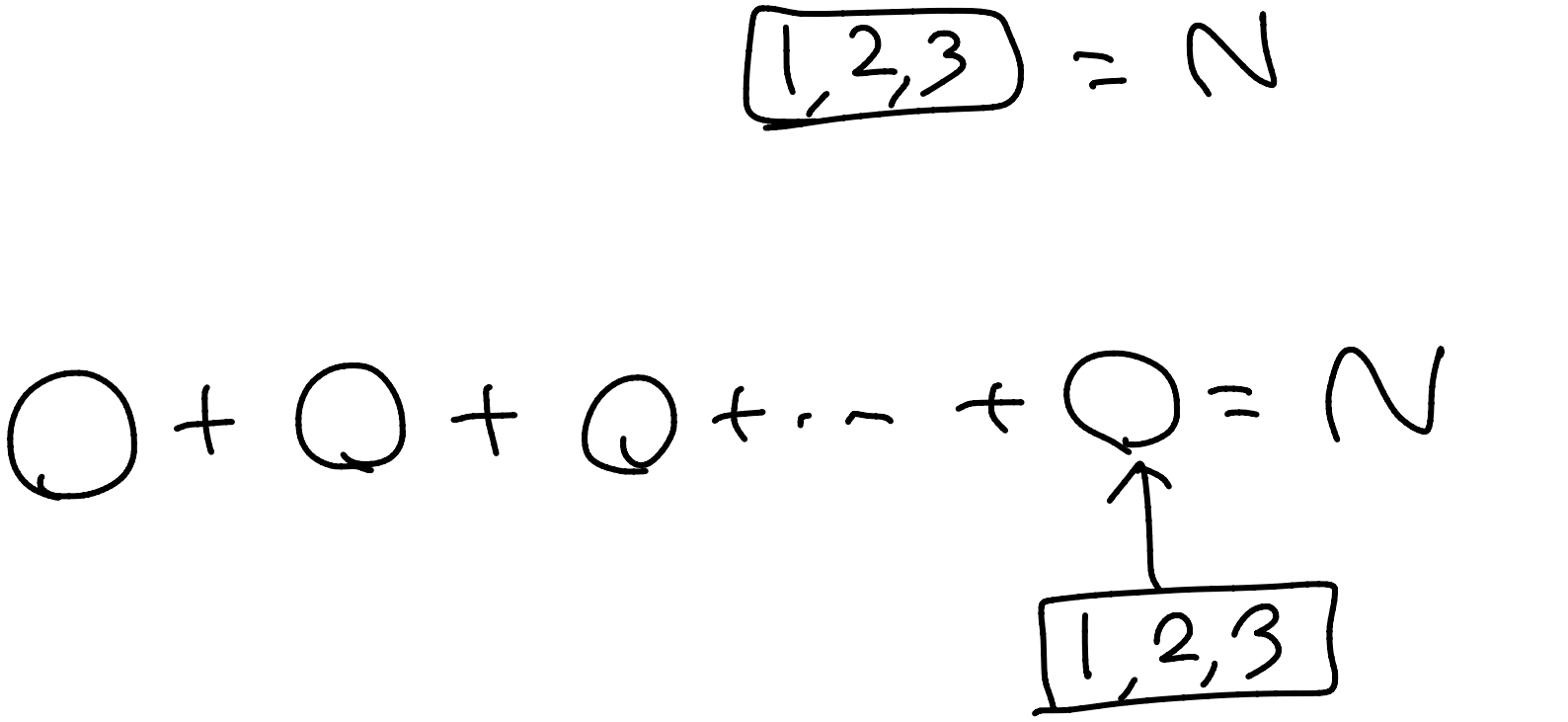
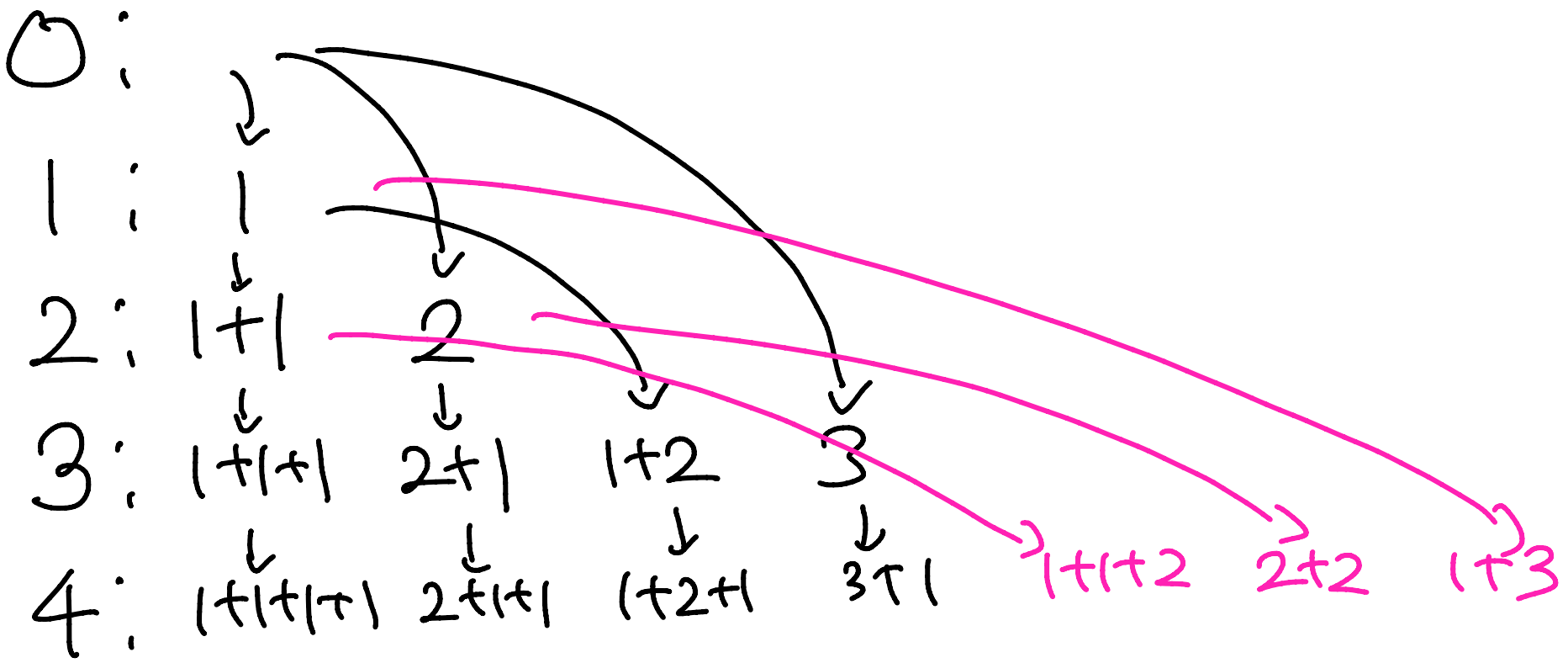


$$D[N] = D[N-1] + D[N-2] + D[N-3]$$



7>1-21

4>1-21

1+1+1+1
2+1+1
3+1
2+2

$N = 1 \times ○ + 2 \times □ + 3 \times △$

(○, □, △) 쌍의 개수

$= (\quad) + (\quad) + (\quad)$

1만 2만 3만

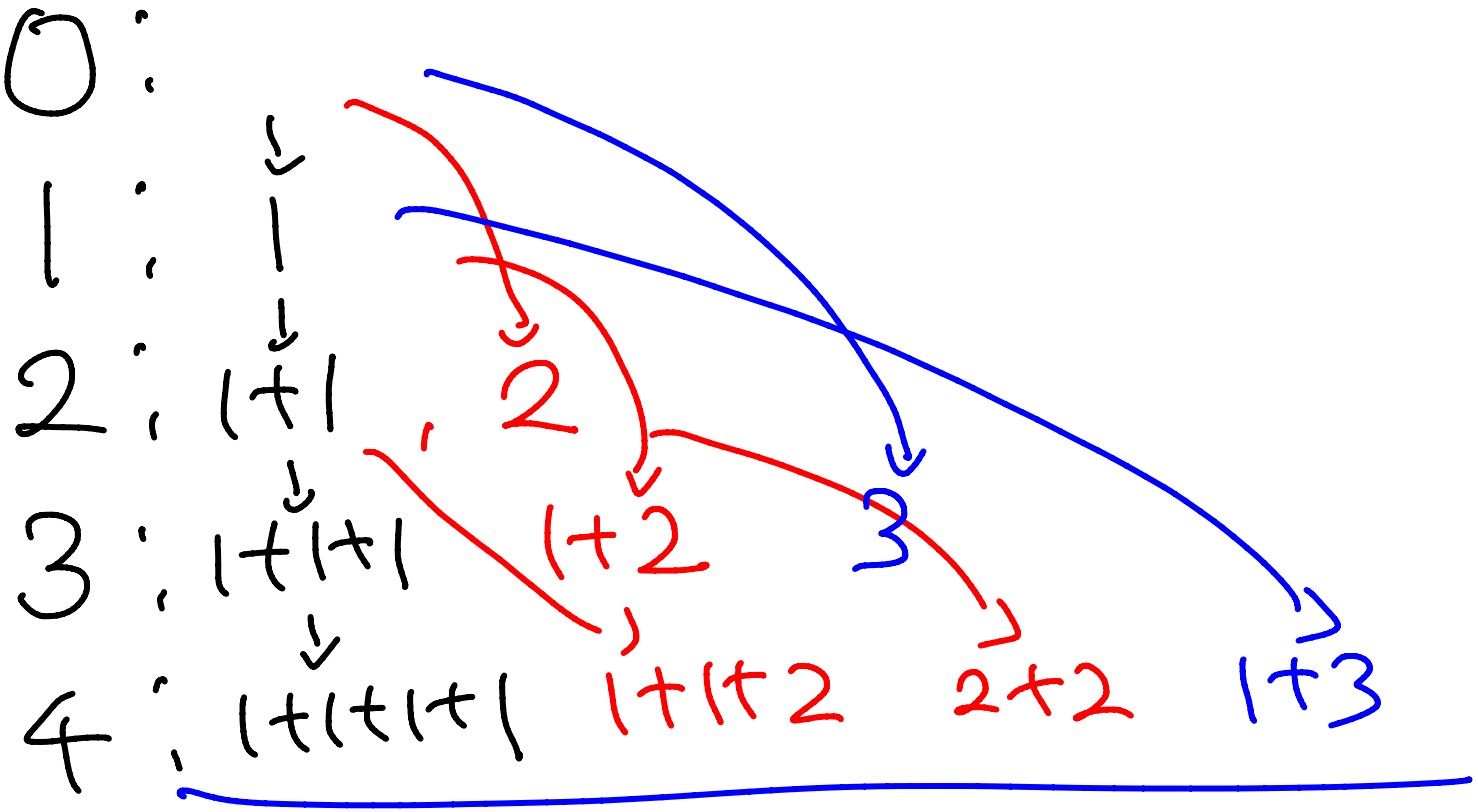
$$4 = \underbrace{1+1+1+1}$$

$$= 1+1+2$$

$$= \underbrace{2+2}$$

$$= 1+3$$

1, 2, 3


0 :
1 : 1
2 : 1+1
3 : 1+1+1
4 : 1+1+1+1
2
1+2
3
1+1+2
2+2
1+3

A[i] = 동전의 가치

M

```
for (j=0; j<M; j++) {
    for(i=1; i<=N; i++) {
        D[i] += D[i-A[j]];
    }
}
```