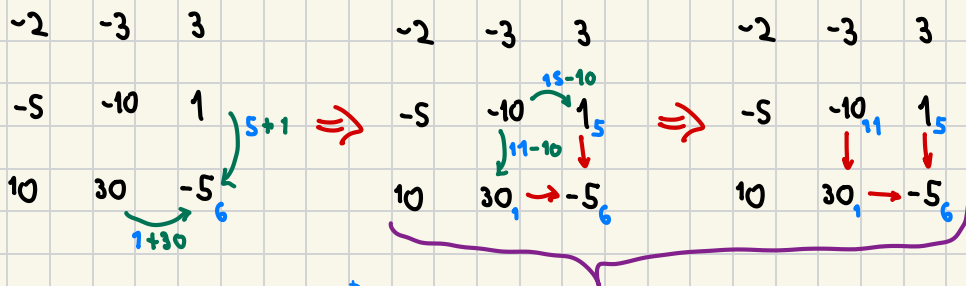


# Subproblema

## Minimo Health para ingresar a un room

$$n+1 \rightarrow -n$$

$$1 \rightarrow n$$



debe ser positivo

$$dp[i][j] = \max \left\{ 1, \min \{ dp[i+1][j], dp[i][j+1] \} - M[i][j] \right\}$$

(Si  $i=0$  o  $j=0$  se salen de la matriz se ignoran)  $\rightarrow$

- $\min\{\emptyset, \emptyset\} = 1$  esquina
- $\min\{\emptyset, y\} = y$  bordes
- $\min\{x, \emptyset\} = x$  bordes