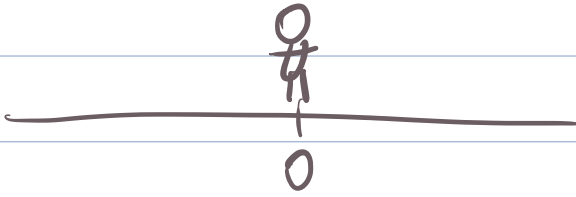
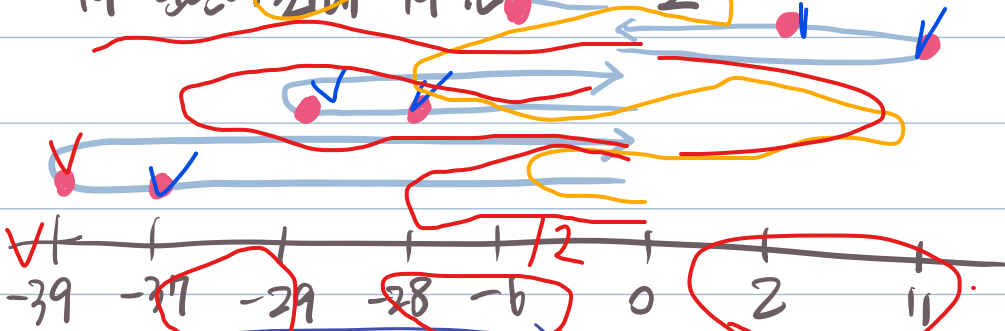


도서관



[N 책 갯수 7
M 행번에 의해 M 권 2]



계산값 변환 후 정렬

0 2 6 11 28 29 37 39

✓

←

계산값 정렬

$$39 + 29 + 11 + 6 = 85$$

$$\underbrace{39 + 29}_{40} + 11 + 6 = 85$$

$$92 + 39$$

$$39 + 29 + 11 + 6$$

x2

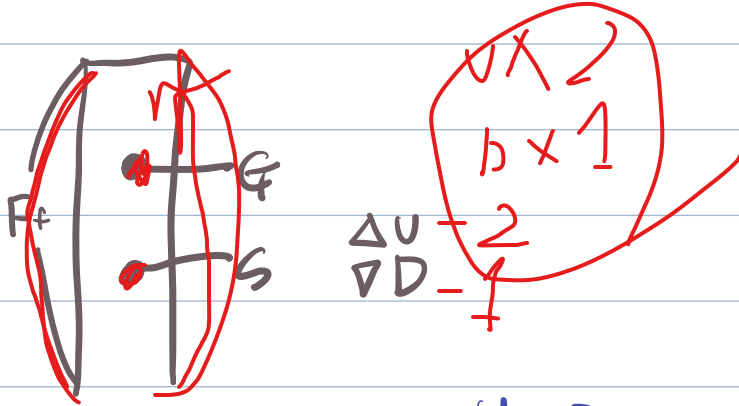
$$40 + 39 = 79$$

$$\begin{array}{r} 79 \\ \times 2 \\ \hline 158 + 6 \\ \hline = 164 \end{array}$$

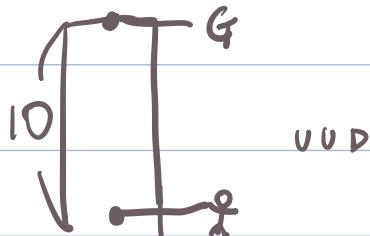
$$(1 + 39 + 28) \times 2 + 39$$

$$\begin{array}{r} 65 \\ \times 2 \\ \hline 130 \\ + 39 \\ \hline 169 \end{array}$$

V 스타트링크



1) 10 ^F 1 ^S 10 ^G 2 ^U 1 ^D, visited[]



S → G 로 가는 최단경로 ⇒ BFS
visited

처음 S. 현재 C. 다음 $\begin{cases} C+U \\ C-D \end{cases} < F$
(방문 안)

V bfs(f, s, g, u, d)

bfs(int f, s, g, u, d)

✓ Queue <Integer> q = new LinkedList<Integer>();
[c, cnt]

q.add(s); 처음 위치

✓ v[s] = 1; 방문처리 ✗

while (!q.isEmpty()) {

int c = q.poll(); 현재 위치.

if ① $c \neq g$. 현재 위치가 가야 할 곳이면 stop

else ② 방문했음.

if ($c+u \leq f$ && $c-d \geq 1$) {

visited[c] = !visited[c]

q.add(c+u)

q.add(c-d)

if (v[g] == 0)

syso.("use the stairs");