(partial) Trace of α-β algo. for example in Fig. 1 on page 8 of printed notes.

$d = 1$
$n = 1$
$a = 1$
$v = ?$ $m = ?$
$\alpha = -\infty$
$\beta = +\infty$

MAX

$d = 2$
$n = 1$
$a = 1$
$v = ?$ $m = ?$
$\alpha = -\infty$
$\beta = +\infty$

MIN

$d = 3$
$n = 1$
$a = 1$
$v = ?$ $m = ?$
$\alpha = -\infty$ $\beta = \infty$

MAX

$d = 4$ $n = 1$ $a = 1$
$v = ?$ $m = ?$ $a_{opt} = ?$
$\alpha = -\infty$ $\beta = \infty$

$a = 2$
$v = ?$ $m = ?$
α β

MIN

$d = 5$ $n = 1$ return [3, 'no action']

MAX

$d = 4$ $n = 1$ $a = 1$
$v = 3$ $m =$ 'no action'
$\alpha = -\infty$ $\beta = 3$
$a_{opt} = 1$

MIN

$d = 4$ $n = 1$ $a = 2$ $a_{opt} = ?$
$v = ?$ $m = ?$
$\alpha = -\infty$ $\beta = 3$

MIN

$d = 5$ $n = 2$ return [4, 'no action']

MAX

$d = 4$ $n = 1$ $a = 2$ $a_{opt} = 1$
$v = 4$ $m =$ 'no action'
$\alpha = -\infty$ $\beta = 3$

MIN

return [3, 1]