move 1
board:
```
_|_|_|_
2|_|_|_
_|_|_|_
_|_|_|4
```

agent move: <move>down</move>
updated board:
```
_|_|_|_
_|_|_|_
2|_|_|_
2|_|_|4
```


move 11
board:
```
 _| 2| _| _
 _| _| _| _
 4| _| _| _
 4|16| _| _
```

agent move: <move>up</move>
updated board:
```
 8| 2| _| _
 _|16| _| _
 _| _| 2| _
 _| _| _| _
```


move 21
board:
```
 2| _| 2| _
16| 4| _| _
 8| 2| _| _
 2| 4| 2| 4
```

agent move: <move>down</move>
updated board:
```
 2| _| _| 2
16| 4| _| _
 8| 2| _| _
 2| 4| 4| 4
```


move 31
board:
```
 4| 4| 8| 4
 _| 2|32| 8
 _| _| 4| 8
 _| _| _| _
```

agent move: <move>down</move>
updated board:
```
 _| 4| _| _
 _| _| 8| _
 _| 4|32| 4
 4| 2| 4|16
```

move 41
board:
```
 2| _| 2| 8
 _| 2|16| 2
 _|16|32| 8
 _| 4| 2| 4
```

agent move: <move>up</move>
updated board:
```
 2| 2| 2| 8
 _|16|16| 2
 _| 4|32| 8
 _| 2| 2| 4
```


move 51
board:
```
 2| 2| _| _
 2|32|16| _
 2| 8| 4|32
 4| 2| 4| 8
```

agent move: <move>down</move>
updated board:
```
 _| 2| _| _
 2|32| 4| _
 4| 8|16|32
 4| 2| 8| 8
```


move 61
board:
```
 2|32| 4| _
 4|16| 8| _
16|32| _| 2
 4| 2| 4|16
```

agent move: <move>up</move>
updated board:
```
 2|32| 4| 2
 4|16| 8|16
16|32| 4| _
 4| 2| 2| _
```


move 71
board:
```
 _| _| 2| 4
 4| 4| 4| 2
 4|16|64|16
 2|32| 4| 8
```

agent move: <move>left</move>
updated board:
```
 2| 4| 2| _
 8| 4| 2| _
 4|16|64|16
 2|32| 4| 8
```


====================

```
game finished in 79 moves
final board:
   4|128| 16|  4
   8|  2|  _| 16
   4|  _|  _|  _
   _|  _|  _|  2

max value: 128
board value: 184
game won! \o/
```