

Tents

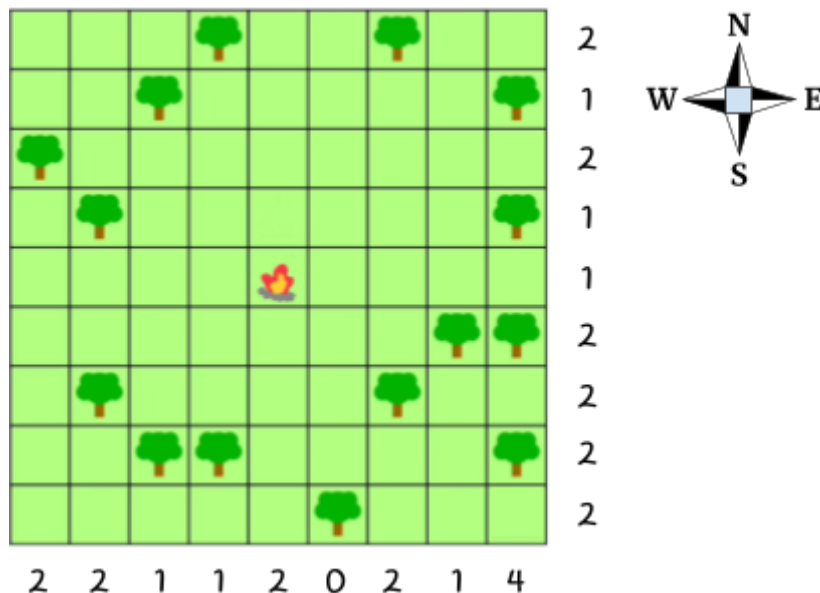
I am Othello, and I am leading an expedition to find an important ingredient for the village. Our group has 15 members total. Each member has their own tent.

We are just arriving at a location to set up base camp, and so I pull out my trusted [ranger's guide](#) to refresh myself of the rules I already know by heart:

How to properly set up a base camp:

- Each tree needs to have exactly one tent attached to it in a space horizontally or vertically next to the tree. A tree may have multiple tents next to it, but only one tent is attached to the tree.
- Tents must be spaced out, so they aren't touching (not even diagonally).
- The number of tents in each row and column are notated on the sides of the map.

Additionally, each tent must face into a space orthogonally adjacent to itself and **the entrance to each tent must be clear!** It cannot face directly into a tree and the space in front of the entrance must still be within base camp boundaries.



[Penpa link for solving](#)

Day 1:

I will fill in a summary of the day:

- Puddles have formed along the path, a b[redacted] of the morning rain, which we avoided as we picked a spot to set-up our camp.
- As usual, my stomach started growling like [redacted]lo[redacted] around midday, reminding me we needed a place to stop soon.
- After a quick meal, my team went to gather pieces of dr[redacted] from the riverbanks to start a fire while I did a quick survey of the area.
- We were startled by a deafening e[redacted] of thunder in the distance, warning us of another storm incoming.
- I quickly settled on a [redacted]bl[redacted] spot for the tents. This spot beside the river and near the start of the mountain trail was good enough for our needs.
- Considering the impending storm, our [redacted]e concern was to set up camp to ensure the supplies stayed dry.
- While tidying the area where I wanted to pitch my tent, I found a weathered two-dollar bill with [redacted]n on it, which I had never seen before, so I tucked it away as a keepsake.
- After the storm passed, we were greeted by a truly m[redacted]e sight: a double rainbow shimmering across the sky.
- Our first day was already very eventful and I will endeavor to write at least a p[redacted] every day to document this experience.

Oh no, I spilled some coffee on my page! I intended to label each tent initially; perhaps that would help me reorder my thoughts.

Day 2:

- My tent was facing the fire.
- **Alison, Nancy, Hope** pitched their tents near each other so all of their tents opened into three consecutive spaces. **Nancy** wedged her tent between two trees, while **Alison** preferred to face away from the fire.
- **Jamie** could only face her tent in one direction, because the other directions were all blocked.
- **Benji** and **Kane** were the first ones awake and decided to sit in front of their respective tents to chat with each other quietly. I noticed that **Benji** is the only one who faced their tent to the north.
- We set out on our expedition for the mountains to the northeast, though we had to take a detour to exit the camp from the north, passing right next to my tent, since **Cara, Daniel,** and **Kane's** tents blocked the more direct paths out of the camp.
- We had already left camp when **Cara** realized she had left their canteen in her tent. Luckily, her tent entrance was accessible from outside of base camp, so it was very quick for her to grab it.
- We watched the sun set in the west across the river. **Menno** is fond of water, so they had pitched their tent to face directly towards the river. **Farzin, Jamie,** and **Eden's** tents did not, despite all being close to the river as well.
- In the evening, a strong breeze blew smoke roughly towards the southwest. **Eden** zipped her tent tightly to keep the smoke from drifting in. **Lily's** tent was facing the same direction as **Eden's**, but luckily the smoke went past her tent. **Ivan** also zipped his tent, in case the smoke started to drift north into his tent.

Day 3:

We set out early today and after a long day of searching – there is joyous news! We finally found the ingredient we had been searching for!

Before we leave, we must complete a roll call. The rule is simple: upon hearing their name, each member must report what's directly in front of their tent.

Roll Call

Othello

Lily

Daniel

Alison

Ivan

Kane

Nancy

Eden

Cara

Farzin

Hope

Menno

Benji

Jamie

Greg

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