

--- Day 2: Dive! ---

Now, you need to figure out how to pilot this thing.

It seems like the submarine can take a series of commands like `forward 1`, `down 2`, or `up 3`:

- `forward X` increases the horizontal position by `X` units.
- `down X` increases the depth by `X` units.
- `up X` decreases the depth by `X` units.

Note that since you're on a submarine, `down` and `up` affect your depth, and so they have the opposite result of what you might expect.

The submarine seems to already have a planned course (your puzzle input). You should probably figure out where it's going. For example:

```
forward 5
down 5
forward 8
up 3
down 8
forward 2
```

Your horizontal position and depth both start at `0`. The steps above would then modify them as follows:

- `forward 5` adds `5` to your horizontal position, a total of `5`.
- `down 5` adds `5` to your depth, resulting in a value of `5`.
- `forward 8` adds `8` to your horizontal position, a total of `13`.
- `up 3` decreases your depth by `3`, resulting in a value of `2`.
- `down 8` adds `8` to your depth, resulting in a value of `10`.
- `forward 2` adds `2` to your horizontal position, a total of `15`.

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After following these instructions, you would have a horizontal position of and a depth of . (Multiplying these together produces .)

Calculate the horizontal position and depth you would have after following the planned course. What do you get if you multiply your final horizontal position by your final depth?

To begin, [get your puzzle input](#).

Answer: [\[Submit\]](#)

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