

## Problem 1

Answer to Problem 1 goes here.

## Problem 2

This is the answer to another question!

This is the second paragraph of another question!

- Maybe it has...
- ...multiple parts...

**Proof.** Because I said so.

- ...to answer.

## Problem 3

We can even do things like write math notation in our `.md` files:

**Theorem (Fermat's Little).** If  $p$  is a prime number, then for any integer  $a$ , the number

$$a^p - a$$

is an integer multiple of  $p$ .

Or create some interesting tables:

Header 1	Header 2	Header 3
Left	Center	Right
Wow,	so	easy!

And, if you *really* need to, you can include raw  $\text{\LaTeX}$  as part of your document:

*Proof.* This proves that we can use raw  $\text{\LaTeX}$  while still writing the *majority* of our documents in `.md` files.  $\square$