A Main Topic

Usually its good to include a brief introduction that spans atleast 3-4 lines. One can also write equations that might be generic for the whole right here:

$$(f * g)(s) = \int_{-\infty}^{\infty} f(t)g(s-t)dt$$

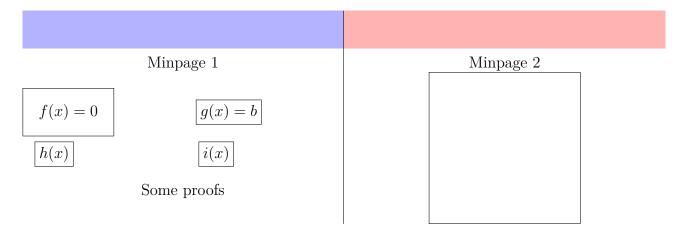You can left align the equation with `\eqnleft{}` without `$$..$$`

$$(f * g)(s) = \int_{-\infty}^{\infty} f(t)g(s-t)dt$$

Sub Topic 1 - Tables

It might be good to use `longtblr` for tables. it might helps save some space when there isn't much space for the whole table in the page. And it is much easier to work with

Stuff 1	Stuff 2
Detail 1	Detail a
Detail 2	Detail b
Detail 3	Detail 4

Minpages & Boxed equations

Minpage 1

$$f(x) = 0 \qquad g(x) = b$$

$$h(x) \qquad i(x)$$

Some proofs

Minpage 2

Boxes

Info Box: This may contain essential information that could be missed out while reading paragraphs of text.

> **Note:**
>
> *Do not overuse this!*. It is meant for important stuff only.

Sidebox: Side box shows some minor notes, for.eg in equations etc. They should provide useful hints. If and must only be used in cases where adding that extra bit of info breaks the continuity of argument. The thing is its is hard to get it aligned. One option is to adjust positioning and inner alignment of the containing minpage

Side boxes can displayed on sides of page with `minpage`. But as of now, its is hard to get precise alignment.

Dates

06 Aug Always add date to notes! `\margindate{06 Aug}`